

# Bibliography

## 61-1 Chemical Identity

MRID	Citation Reference
126605	Stauffer Chemical Co. (1983) ?Chemical Study: SC-0224 Concentrate Nonselective Postemergence Herbicide . (Compilation ; unpub- lished study received Mar 21, 1983 under 476-EX-101; CDL: 249801-A)
126626	Stauffer Chemical Co. (1983) ?Chemistry of SC-0224 4-LC . (Com- pilation; unpublished study received Mar 21, 1983 under 476- EX-101; CDL:249804-A)
40893801	Wegner, M. (1987) SC-0224 4LC-E: Product Chemistry: Laboratory Project ID RRC 87-131. Unpublished study prepared by Stauffer Chemical Co. 31 p.
44174901	Long, M. (1996) Touchdown BTU (WF2571): Product Chemistry: Lab Project Number: FOR054: RR 96-088B: WRC-96-144A. Unpublished study prepared by Zeneca Ag Products. 68 p. {OPPTS 830.1550, 830.1600, 830.1620, 830.1650, 830.1670, 830.1700, 830.1750, 830.1800, 830.6303, 830.6314, 830.6315, 830.6316, 830.6317, 830.6319, 830.6320, 830.6321, 830.7000, 830.7100, 830.7300}

## 61-2 Description of Beginning Materials and Manufacturing Proces

MRID	Citation Reference
126605	Stauffer Chemical Co. (1983) ?Chemical Study: SC-0224 Concentrate Nonselective Postemergence Herbicide . (Compilation ; unpub- lished study received Mar 21, 1983 under 476-EX-101; CDL: 249801-A)
126626	Stauffer Chemical Co. (1983) ?Chemistry of SC-0224 4-LC . (Com- pilation; unpublished study received Mar 21, 1983 under 476- EX-101; CDL:249804-A)
131693	Stauffer Chemical Co. (1983) ?Chemistry: SC-0224 . (Compilation; unpublished study received Oct 25, 1983 under 476-EX-102; CDL: 251545-B)
132171	Stauffer Chemical Co. (1983) ?Chemistry of Knoxweed Herbicide . (Compilation; unpublished study received Jun 24, 1983 under 476- 2225; CDL:250544-A)
40046201	Benke, A. (1986) Manufacturing Process for SC-0224: Addendum to Study: Laboratory Project ID: RRC 86-101. Unpublished study prepared by Stauffer Chemical Co. 91 p.
40893801	Wegner, M. (1987) SC-0224 4LC-E: Product Chemistry: Laboratory Project ID RRC 87-131. Unpublished study prepared by Stauffer Chemical Co. 31 p.
44174901	Long, M. (1996) Touchdown BTU (WF2571): Product Chemistry: Lab Project Number: FOR054: RR 96-088B: WRC-96-144A. Unpublished study prepared by Zeneca Ag Products. 68 p. {OPPTS 830.1550, 830.1600, 830.1620, 830.1650, 830.1670, 830.1700, 830.1750, 830.1800, 830.6303, 830.6314, 830.6315, 830.6316, 830.6317, 830.6319, 830.6320, 830.6321, 830.7000, 830.7100, 830.7300}

## 61-3 Discussion of Formation of Impurities

MRID	Citation Reference
131693	Stauffer Chemical Co. (1983) ?Chemistry: SC-0224 . (Compilation; unpublished study received Oct 25,

1983 under 476-EX-102; CDL: 251545-B)

40893801 Wegner, M. (1987) SC-0224 4LC-E: Product Chemistry: Laboratory Project ID RRC 87-131. Unpublished study prepared by Stauffer Chemical Co. 31 p.

44174901 Long, M. (1996) Touchdown BTU (WF2571): Product Chemistry: Lab Project Number: FOR054: RR 96-088B: WRC-96-144A. Unpublished study prepared by Zeneca Ag Products. 68 p. {OPPTS 830.1550, 830.1600, 830.1620, 830.1650, 830.1670, 830.1700, 830.1750, 830.1800, 830.6303, 830.6314, 830.6315, 830.6316, 830.6317, 830.6319, 830.6320, 830.6321, 830.7000, 830.7100, 830.7300}

62-1 Preliminary Analysis

MRID	Citation Reference
40046202	Bowler, D. (1987) Spectroscopic Data of SC-0224: Laboratory Project ID: RRC 86-49. Unpublished study prepared by Stauffer Chemical Co. 19 p.

62-2 Certification of limits

MRID	Citation Reference
126605	Stauffer Chemical Co. (1983) ?Chemical Study: SC-0224 Concentrate Nonselective Postemergence Herbicide . (Compilation ; unpublished study received Mar 21, 1983 under 476-EX-101; CDL: 249801-A)
126626	Stauffer Chemical Co. (1983) ?Chemistry of SC-0224 4-LC . (Compilation; unpublished study received Mar 21, 1983 under 476- EX-101; CDL:249804-A)
132171	Stauffer Chemical Co. (1983) ?Chemistry of Knoxweed Herbicide . (Compilation; unpublished study received Jun 24, 1983 under 476- 2225; CDL:250544-A)
40893801	Wegner, M. (1987) SC-0224 4LC-E: Product Chemistry: Laboratory Project ID RRC 87-131. Unpublished study prepared by Stauffer Chemical Co. 31 p.
44174901	Long, M. (1996) Touchdown BTU (WF2571): Product Chemistry: Lab Project Number: FOR054: RR 96-088B: WRC-96-144A. Unpublished study prepared by Zeneca Ag Products. 68 p. {OPPTS 830.1550, 830.1600, 830.1620, 830.1650, 830.1670, 830.1700, 830.1750, 830.1800, 830.6303, 830.6314, 830.6315, 830.6316, 830.6317, 830.6319, 830.6320, 830.6321, 830.7000, 830.7100, 830.7300}

62-3 Analytical Method

MRID	Citation Reference
40893801	Wegner, M. (1987) SC-0224 4LC-E: Product Chemistry: Laboratory Project ID RRC 87-131. Unpublished study prepared by Stauffer Chemical Co. 31 p.
44174901	Long, M. (1996) Touchdown BTU (WF2571): Product Chemistry: Lab Project Number: FOR054: RR 96-088B: WRC-96-144A. Unpublished study prepared by Zeneca Ag Products. 68 p. {OPPTS 830.1550, 830.1600, 830.1620, 830.1650, 830.1670, 830.1700, 830.1750, 830.1800, 830.6303, 830.6314, 830.6315, 830.6316, 830.6317, 830.6319, 830.6320, 830.6321, 830.7000, 830.7100, 830.7300}

63-0 Reports of Multiple phys/chem Characteristics

MRID	Citation Reference
126626	Stauffer Chemical Co. (1983) ?Chemistry of SC-0224 4-LC . (Com- pilation; unpublished study received Mar 21, 1983 under 476- EX-101; CDL:249804-A)
131692	Stauffer Chemical Co. (1983) Responses to Exposure Assessment Branch Reviewer's Comments. (Unpublished study received Oct 25, 1983 under 476-EX-102; CDL:251545-A)
155388	Myers, H. (1985) The Vapor Pressure of SC-0224: Report No. RRC-85-35. Unpublished report prepared by Stauffer Chemical Co. 12 p.
40893801	Wegner, M. (1987) SC-0224 4LC-E: Product Chemistry: Laboratory Project ID RRC 87-131. Unpublished study prepared by Stauffer Chemical Co. 31 p.
44174901	Long, M. (1996) Touchdown BTU (WF2571): Product Chemistry: Lab Project Number: FOR054: RR 96-088B: WRC-96-144A. Unpublished study prepared by Zeneca Ag Products. 68 p. {OPPTS 830.1550, 830.1600, 830.1620, 830.1650, 830.1670, 830.1700, 830.1750, 830.1800, 830.6303, 830.6314, 830.6315, 830.6316, 830.6317, 830.6319, 830.6320, 830.6321, 830.7000, 830.7100, 830.7300}

**63-11      Oct/Water partition Coef.**

MRID	Citation Reference
40046203	Lee, K. (1987) Solubility and Octanol/Water Partition Coefficient of Aminomethylphosphonic Acid: Laboratory Project ID: RRC 86-48. Unpublished study prepared by Stauffer Chemical Co. 41 p.

**63-14      Oxidizing/Reducing Action**

MRID	Citation Reference
45311401	Kovacs, G. (2001) SQUADRON Herbicide: Physical and Chemical Characteristics: Lab Project Number: F-1468: 0187. Unpublished study prepared by BASF Agro Research. 21 p. {OPPTS 830.6314 and 830.6319}

**63-17      Storage stability**

MRID	Citation Reference
129024	Stauffer Chemical Co. (1983) ?Chemistry: R-50224 4LC . (Compi- lation; unpublished study received Jun 24, 1983 under 476-2225; CDL:250543-B)
40893801	Wegner, M. (1987) SC-0224 4LC-E: Product Chemistry: Laboratory Project ID RRC 87-131. Unpublished study prepared by Stauffer Chemical Co. 31 p.

**63-19      Miscibility**

MRID	Citation Reference
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45311401 Kovacs, G. (2001) SQUADRON Herbicide: Physical and Chemical Characteristics: Lab Project Number: F-1468: 0187. Unpublished study prepared by BASF Agro Research. 21 p. {OPPTS 830.6314 and 830.6319}

71-1 Avian Single Dose Oral Toxicity

MRID	Citation Reference
126624	Fletcher, D. (1982) Report to Stauffer Chemical Company: Acute Oral Toxicity Study with SC-0224 Technical in Mallard Ducks: BLAL No. 82 DD 13; T-No. T-11147. (Unpublished study received Mar 21, 1983 under 476-EX-101; prepared by Bio-Life Assoc., Ltd., submitted by Stauffer Chemical Co., Richmond, CA; CDL:249802-Q)
132568	Fletcher, D. (1982) Report to ...: Acute Oral Toxicity Study with SC-0224 Technical in Mallard Ducks: BLAL No. 82 DD 13; T-11147. (Unpublished study received Jun 24, 1983 under 476-2225; prepared by Bio-Life Assoc., Ltd., submitted by Stauffer Chemical Co., Richmond, CA; CDL:250545-I)

71-2 Avian Dietary Toxicity

MRID	Citation Reference
126622	Fletcher, D. (1982) Report to Stauffer Chemical Company: 8-day Dietary LC50 study with SC-0224 Technical in Bobwhite Quail: BLAL No. 82 QC 16; T-11146. (Unpublished study received Mar 21, 1983 under 476-EX-101; prepared by Bio-Life Assoc., Ltd., submitted by Stauffer Chemical Co., Richmond, CA; CDL:249802-O)
126623	Fletcher, D. (1982) Report to Stauffer Chemical Company: 8-day Dietary LC50 study with SC-0224 Technical in Mallard Ducklings: BLAL No. 82 DC 16; T-11145. (Unpublished study received Mar 21, 1983 under 476-EX-101; prepared by Bio-Life Assoc., Ltd., submitted by Stauffer Chemical Co., Richmond, CA; CDL:249802-P)
132188	Fletcher, D. (1982) Report to ...: 8-Day Dietary LC50 Study with SC-0224 Technical in Bobwhite Quail: BLAL No. 82 QC 16; T-11146. (Unpublished study received Jun 24, 1983 under 476-2225; prepared by Bio-Life Assoc., Ltd., submitted by Stauffer Chemical Co., Richmond, CA; CDL:250545-G)
132189	Fletcher, D. (1982) Report to ...: 8-Day Dietary LC50 Study with SC-0224 Technical in Mallard Ducklings: BLAL No. 82 DC 16; T-11145. (Unpublished study received Jun 24, 1983 under 476-2225; prepared by Bio-Life Assoc., Ltd., submitted by Stauffer Chemical Co., Richmond, CA; CDL:250545-H)

71-4 Avian Reproduction

MRID	Citation Reference
44556601	Hamer, M.; Rhodes, M. (1998) Glyphosate-Trimesium: Response to Ecological Effects Branch Review dated November 8, 1995: New Crops: Wheat and the Pome Fruit Group: Lab Project Number: MER050198: 34733-2. Unpublished study prepared by Zeneca Ag Products Analytical Bio-Chemistry Laboratories, Inc. 207 p.
44578301	Marselas, G.; Beavers, J.; Jaber, M. (1990) ICIA0224: A One-Generation Reproduction Study with the Bobwhite Quail (Colinus virginianus): Lab Project Number: 123-150. Unpublished study prepared by Wildlife International Ltd. 120 p.

44578302 Marselas, G.; Beavers, J.; Jaber, M. (1990) ICIA0024: A One-Generation Reproduction Study with the Mallard (*Anas platyrhynchos*): Lab Project Number: 123-151. Unpublished study prepared by Wildlife International Ltd. 120 p.

72-1 Acute Toxicity to Freshwater Fish

MRID	Citation Reference
126619	LeBlanc, G.; Sousa, J. (1982) Acute Toxicity of SC-0224 to Rainbow Trout ( <i>Salmo gairdneri</i> ): Report #BW-82-4-1153; T-10687. (Unpub- lished study received Mar 21, 1983 under 476-EX-101; prepared by EG & G, Bionomics, submitted by Stauffer Chemical Co., Richmond, CA; CDL:249802-L)
126620	LeBlanc, G.; Sousa, J. (1982) Acute Toxicity of SC-0224 to Bluegill ( <i>Lepomis macrochirus</i> ): Report #BW-82-4-1164; T-10688. (Unpub- lished study received Mar 21, 1983 under 476-EX-101; prepared by EG & G, Bionomics, submitted by Stauffer Chemical Co., Richmond, CA; CDL:249802-M)
132184	Spare, W.; Hutchinson, C. (1982) The Acute Toxicity of SC-0224 4LC to Rainbow Trout ...: Biospherics Project No. 82-E-1119R; T- 11114. (Unpublished study received Jun 24, 1983 under 476-2225; prepared by Biospherics, Inc., submitted by Stauffer Chemical Co., Richmond, CA; CDL:250545-B)
132185	LeBlanc, G.; Sousa, J. (1982) Acute Toxicity of SC-0224 to Bluegill ( <i>Lepomis macrochirus</i> ): Report #BW-82-4-1164; T-10688. (Unpub- lished study received Jun 24, 1983 under 476-2225; prepared by EG & G, Bionomics, submitted by Stauffer Chemical Co., Richmond, CA; CDL:250545-C)
132186	Spare, W.; Hutchinson, C. (1982) The Acute Toxicity of SC-0224 4LC to the Bluegill Sunfish ...: Project No. 82-E-1119B; T-11155. (Unpublished study received Jun 24, 1983 under 476-2225; prepared by Biospherics, Inc., submitted by Stauffer Chemical Co., Richmond, CA; CDL:250545-D)
40893805	Bowman, J. (1987) Acute Toxicity of SC-0224 4LC-E to Rainbow Trout ( <i>Salmo gairdneri</i> ): Project No. 140823: Final Report: Project No. 140823: ABC Laboratory Project ID #35638. Unpublished study prepared by Analytical Bio-chemistry Laboratories, Inc. 53 p.
40893806	Bowman, J. (1987) Acute Toxicity of SC-0224 4LC-E to Bluegill Sunfish ( <i>Lepomis macrochirus</i> ): T-13084: Final Report: Project No. 140824: ABC Laboratory Project ID 35637. Unpublished study prepared by Analytical Bio-chemistry Laboratories, Inc. 50 p.
44556601	Hamer, M.; Rhodes, M. (1998) Glyphosate-Trimesium: Response to Ecological Effects Branch Review dated November 8, 1995: New Crops: Wheat and the Pome Fruit Group: Lab Project Number: MER050198: 34733-2. Unpublished study prepared by Zeneca Ag Products Analytical Bio-Chemistry Laboratories, Inc. 207 p.

72-2 Acute Toxicity to Freshwater Invertebrates

MRID	Citation Reference
126621	LeBlanc, G.; Surprenant, D. (1982) Acute Toxicity of SC-0224 to the Water Flea ( <i>Daphnia magna</i> ): Report #BW-82-4-1146; T-10689. (Unpublished study received Mar 21, 1983 under 476-EX-101; pre- pared by EG & G, Bionomics, submitted by Stauffer Chemical Co., Richmond, CA; CDL:249802-N)
132187	Spare, W.; Hutchinson, C. (1982) The Acute Toxicity of SC-0224 4LC to <i>Daphnia magna</i> Straus: Bios. Project No. 82-E-1119D; T-11113. (Unpublished study received Jun 24, 1983 under 476-2225; pre- pared by Biospherics, Inc., submitted by Stauffer Chemical Co., Richmond, CA; CDL:250545-F)

72-3 Acute Toxicity to Estuarine/Marine Organisms

MRID	Citation Reference
42977601	Sankey, S.; Holland, M.; Caunter, J.; et al. (1993) Glyphosate Trimesium: Acute Toxicity to Sheepshead minnow ( <i>Cyprinodon variegatus</i> ): Lab Project Number: BL4634/B: V398/A (FT16/92). Unpublished study prepared by Zeneca Limited, Brixham Environ., Lab. 18 p.
42977602	Sankey, S.; Kent, S.; Caunter, J.; et al. (1993) Glyphosate Trimesium: Acute Toxicity to Larvae of the Pacific Oyster ( <i>Crassostrea gigas</i> ): Lab Project Number: BL4878/B: V398/D (FT54/92). Unpublished study prepared by Zeneca Ltd, Brixham Environ., Lab. 20 p.
43003301	Kent, S.; Sankey, S.; Holland, M.; et al. (1992) Glyphosate Trimesium: Acute Toxicity to Mysid Shrimp ( <i>Mysidopsis bahia</i> ): Lab Project Number: BL4625/B: V398/B (FT17/92): V398/B. Unpublished study prepared by Zeneca Ltd's. Brixham Environmental Lab. 18 p.

72-4 Fish Early Life Stage/Aquatic Invertebrate Life Cycle Study

MRID	Citation Reference
40893704	Coble, P. (1988) Early Life Stage Toxicity of SC-0224 Technical to Rainbow Trout ( <i>Salmo gairdneri</i> ) in a Flow-through System: Final Report: ABC Laboratory Project ID #35819: T-13137. Unpublished study prepared by Analytical Bio-chemistry Laboratories, Inc. 44 p.
40893705	Forbis, A. (1987) Chronic Toxicity of ?Carbon 14 -SC-0224 to <i>Daphnia magna</i> under Flow-through Test Conditions: ABC Final Report #35820: Project #140884: T-13136. Unpublished study pre- pared by Analytical Bio-chemistry Laboratories, Inc. 31 p.
41111401	Forbis, A. (1987) Supplement to MRID 40893705 Raw Data: Chronic Toxicity of ?Carbon 14 -SC-0224 to <i>Daphnia magna</i> Under Flow- through Test Conditions: Rept. #35820. Unpublished study pre- pared by Analytical Bio-Chemistry Laboratories, Inc. 25 p.
41111402	Cohle, P. (1987) Supplement to MRID 40893704 Raw Data Report for Early Life Stage Toxicity of SC-0224 Technical to Rainbow Trout ( <i>Salmo gairdneri</i> ) in a Flow-through System: Rept. #35819. Unpublished study prepared by Analytical Bio-Chemistry Laborator- ies, Inc. 35 p.

81-1 Acute oral toxicity in rats

MRID	Citation Reference
126608	Morgan, R.; Jones, B. (1982) SC-0224 Technical (Lot # 7981-12-01): Summary of Richmond Toxicology Laboratory Report: T-11185. (Unpublished study received Mar 21, 1983 under 476-EX-101; submitted by Stauffer Chemical Co., Richmond, CA; CDL:249802-A)
127782	Morgan, R.; Sorenson, S. (1982) SC-0224 4LC (Lot # 8014-42): Summary of Richmond Toxicology Laboratory Report--T-11189. (Unpublished study received Mar 21, 1983 under 476-EX-101; submitted by Stauffer Chemical Co., Richmond, CA; CDL:249803-A)
132173	Morgan, R.; Sorenson, S. (1982) SC-0224 4LC: ?Summary of Toxicity Studies: Rats, Rabbits : T-11189. (Unpublished study received Jun 24, 1983 under 476-2225; submitted by Stauffer Chemical Co., Richmond, CA; CDL:250544-C)

40893802 Morgan, R. (1987) Acute Toxicity Tests for SC-0224 4LC-E: Final Report: T-12589. Unpublished study prepared by Stauffer Chemical Co. 31 p.

43132301 Horner, S. (1993) Glyphosate Trimesium: Acute Neurotoxicity Study in Rats: Lab Project Number: CTL/P/3813: AR5425. Unpublished study prepared by Zeneca Central Toxicology Laboratory. 328 p.

44174906 Robinson, P. (1996) Glyphosate Trimesium: Acute Oral Toxicity to the Rat of a 600g/l SL Formulation: Lab Project Number: CTL/P/5219: AR6310. Unpublished study prepared by Zeneca Central Toxicology Lab. 56 p.

81-2 Acute dermal toxicity in rabbits or rats

MRID	Citation Reference
126608	Morgan, R.; Jones, B. (1982) SC-0224 Technical (Lot # 7981-12-01): Summary of Richmond Toxicology Laboratory Report: T-11185. (Unpublished study received Mar 21, 1983 under 476-EX-101; submitted by Stauffer Chemical Co., Richmond, CA; CDL:249802-A)
127782	Morgan, R.; Sorenson, S. (1982) SC-0224 4LC (Lot # 8014-42): Summary of Richmond Toxicology Laboratory Report--T-11189. (Unpublished study received Mar 21, 1983 under 476-EX-101; submitted by Stauffer Chemical Co., Richmond, CA; CDL:249803-A)
132172	Morgan, R.; Jones, B. (1982) SC-0224 Technical: ?Summary of Toxicity Studies: Rats, Rabbits : T-11185. (Unpublished study received Jun 24, 1983 under 476-2225; submitted by Stauffer Chemical Co., Richmond, CA; CDL:250544-B)
132173	Morgan, R.; Sorenson, S. (1982) SC-0224 4LC: ?Summary of Toxicity Studies: Rats, Rabbits : T-11189. (Unpublished study received Jun 24, 1983 under 476-2225; submitted by Stauffer Chemical Co., Richmond, CA; CDL:250544-C)
155386	Stauffer Chemical Co. (1985) Individual Necropsy Results from Acute Dermal Toxicity Testing in Rabbits: SC-0224: Study No. T-11185. Unpublished study. 10 p.
40893802	Morgan, R. (1987) Acute Toxicity Tests for SC-0224 4LC-E: Final Report: T-12589. Unpublished study prepared by Stauffer Chemical Co. 31 p.
44174904	Robinson, P. (1996) Glyphosate Trimesium: Acute Dermal Toxicity to the Rat of a 600g/l SL Formulation: Lab Project Number: CTL/P/5220: CR3339. Unpublished study prepared by Zeneca Central Toxicology Lab. 40 p.

81-3 Acute inhalation toxicity in rats

MRID	Citation Reference
126609	Stuart, B.; Chaffee, M.; MacAskill, S.; et al. (1982) Acute Inhalation Toxicity of SC-0224: T-11084. (Unpublished study received Mar 21, 1983 under 476-EX-101; submitted by Stauffer Chemical Co., Richmond, CA; CDL:249802-B)
132174	Stuart, B.; MacAskill, S.; Chaffee, M. (1982) Acute Inhalation Toxicity of SC-0224: ?Rats : T-11084. (Unpublished study received Jun 24, 1983 under 476-2225; submitted by Stauffer Chemical Co., Richmond, CA; CDL:250544-D)
154267	Bentivegna, S.; MacAskill, S. (1983) EPA Acute Inhalation Study with SC-0224 in Rats: Study No. T-11728. Unpublished study prepared by Stauffer Chemical Co. 52 p.

154269 MacAskill, S. (1984) EPA Acute Inhalation Study [using Rats] with SC-0224 4LC: Study No. T-11870. Unpublished study prepared by Stauffer Chemical Co. 93 p.

40893803 MacAskill, S.; Grisel, D. (1988) EPA Acute Inhalation Study with SC-0224 4LC-E: Final Report: T-12983. Unpublished study prepared by Stauffer Chemical Co. 26 p.

41235901 Hext, P. (1988) ICIA 0224: 4-Hour Acute Inhalation Toxicity Study in the Rat: Report No. CTL/P/2254. Unpublished study prepared by ICI Americas. 54 p.

41426001 Mould, A. (1990) ICIA0224: 4-Hour Acute Inhalation Toxicity Study in the Rat of a 480g/l SL Formulation: Lab Project Number: CTL/ P/2848: Study No. HRO963. Unpublished study prepared by ICI Central Toxicology Laboratory. 105 p.

44174903 Pinto, P. (1996) Glyphosate Trimesium 600g/l SL Formulation: 4-Hour Acute Inhalation Toxicity Study in Rats: Lab Project Number: CTL/P/5170: HR2299. Unpublished study prepared by Zeneca Central Toxicology Lab. 60 p.

81-4 Primary eye irritation in rabbits

MRID	Citation Reference
126608	Morgan, R.; Jones, B. (1982) SC-0224 Technical (Lot # 7981-12-01): Summary of Richmond Toxicology Laboratory Report: T-11185. (Unpublished study received Mar 21, 1983 under 476-EX-101; submitted by Stauffer Chemical Co., Richmond, CA; CDL:249802-A)
127782	Morgan, R.; Sorenson, S. (1982) SC-0224 4LC (Lot # 8014-42): Summary of Richmond Toxicology Laboratory Report--T-11189. (Unpublished study received Mar 21, 1983 under 476-EX-101; submitted by Stauffer Chemical Co., Richmond, CA; CDL:249803-A)
132172	Morgan, R.; Jones, B. (1982) SC-0224 Technical: ?Summary of Toxicity Studies: Rats, Rabbits : T-11185. (Unpublished study received Jun 24, 1983 under 476-2225; submitted by Stauffer Chemical Co., Richmond, CA; CDL:250544-B)
132173	Morgan, R.; Sorenson, S. (1982) SC-0224 4LC: ?Summary of Toxicity Studies: Rats, Rabbits : T-11189. (Unpublished study received Jun 24, 1983 under 476-2225; submitted by Stauffer Chemical Co., Richmond, CA; CDL:250544-C)
40893802	Morgan, R. (1987) Acute Toxicity Tests for SC-0224 4LC-E: Final Report: T-12589. Unpublished study prepared by Stauffer Chemical Co. 31 p.
44174907	Robinson, P. (1996) Glyphosate Trimesium: Eye Irritation to the Rabbit of a 600g/l SL Formulation: Lab Project Number: CTL/P/5222: FB5390. Unpublished study prepared by Zeneca Central Toxicology Lab. 36 p.

81-5 Primary dermal irritation

MRID	Citation Reference
126608	Morgan, R.; Jones, B. (1982) SC-0224 Technical (Lot # 7981-12-01): Summary of Richmond Toxicology Laboratory Report: T-11185. (Unpublished study received Mar 21, 1983 under 476-EX-101; submitted by Stauffer Chemical Co., Richmond, CA; CDL:249802-A)
132172	Morgan, R.; Jones, B. (1982) SC-0224 Technical: ?Summary of Toxicity Studies: Rats, Rabbits : T-11185. (Unpublished study received Jun 24, 1983 under 476-2225; submitted by Stauffer Chemical Co., Richmond, CA; CDL:250544-B)

Richmond, CA; CDL:250544-B)

132173 Morgan, R.; Sorenson, S. (1982) SC-0224 4LC: ?Summary of Toxicity Studies: Rats, Rabbits|: T-11189. (Unpublished study received Jun 24, 1983 under 476-2225; submitted by Stauffer Chemical Co., Richmond, CA; CDL:250544-C)

40893802 Morgan, R. (1987) Acute Toxicity Tests for SC-0224 4LC-E: Final Report: T-12589. Unpublished study prepared by Stauffer Chemical Co. 31 p.

44174905 Robinson, P. (1996) Glyphosate Trimesium: Skin Irritation to the Rabbit of a 600g/l SL Formulation: Lab Project Number: CTL/P/5221: EB4534. Unpublished study prepared by Zeneca Central Toxicology Lab. 22 p.

81-6 Dermal sensitization

MRID	Citation Reference
154268	Fordan, B.; Mutter, L. (1984) Dermal Sensitization Test [Using Guinea Pigs] with SC-0224 Technical: Study No. T-11269. Unpublished study prepared by Stauffer Chemical Co. 49 p.
154270	Fordan,B.; Mutter, L. (1984) Dermal Sensitization Test with SC-0224 4LC: Study No. T-11420. Unpublished study prepared by Stauffer Chemical Co. 45 p.
40893804	Mutter, L. (1988) Dermal Sensitization Test with SC-0224 4LC-E: Final Report: T-12588. Unpublished study prepared by Stauffer Chemical Co. 51 p.
44174902	Robinson, P. (1996) Glyphosate Trimesium: Skin Sensitization to the Guinea Pig of a 600g/l SL Formulation: Lab Project Number: CTL/P/5223: GG6828: GG6673. Unpublished study prepared by Zeneca Central Toxicology Lab. 38 p.

81-7 Neurotoxicity study in hens

MRID	Citation Reference
43151201	Mutter, L. (1989) Acute Delayed Neurotoxicity of ICIA-0224: Lab Project Number: SA41/88: Y06380/001/001: T-12324. Unpublished study prepared by ICI Americas Inc. 109 p.

81-8 Acute neurotoxicity screen study in rats

MRID	Citation Reference
43132301	Horner, S. (1993) Glyphosate Trimesium: Acute Neurotoxicity Study in Rats: Lab Project Number: CTL/P/3813: AR5425. Unpublished study prepared by Zeneca Central Toxicology Laboratory. 328 p.

82-1 Subchronic Oral Toxicity: 90-Day Study

MRID	Citation Reference
41209902	Katz, A.; Frank, D. (1987) 3-Month Dietary Toxicity Study with SC-0224 in Rats: Final Report: Laboratory

ID No. T-10888. Unpublished study prepared by Stauffer Chemical Co. 238 p.

41209903 Hastings, S.; Zwicker, G. (1987) Three Month Subchronic Oral Toxicity Study with SC-0224 in Beagle Dogs: Final Report: Laboratory ID No. T-11002. Unpublished study prepared by Stauffer Chemical Co. 306 p.

41633001 Sherman, M. (1987) Addendum to MRID#41209903: Three Month Subchronic Oral Toxicity Study with SC-0224 in Beagle Dogs to Compare Strength of Technical Grade Active Ingredient: Lab Project Number: T/11002. Unpublished study prepared by Stauffer Chemical Company. 7 p.

44246704 Pinto, P. (1993) Glyphosate Trimesium: 90 Day Oral Toxicity Study in Dogs: Lab Project Number: CTL/P/3962: PD0924. Unpublished study prepared by Zeneca Central Toxicology Laboratory. 306 p.

44673602 Duffell, S. (1998) Pathology Working Group Peer Review of Ventricular Dilatation of the Brain in Dogs: Lab Project Number: CTL/P/6038. Unpublished study prepared by Central Toxicology Laboratory. 47 p.

82-2 21-day dermal-rabbit/rat

MRID	Citation Reference
40893702	Henwood, S. (1988) 21-Day Dermal Toxicity Study with SC-0224 Concentrate in Rabbits: Laboratory Project ID HLA-6142-107: T-13038. Unpublished study prepared by Hazleton Laboratories America, Inc. 150 p.
41209904	Tinston, D. (1989) ICIA0224 4LC-E: 21 Day Dermal Study in Rats: Project ID: Report No. CTL/P/2496; Study No. LR0535. Unpublished study prepared by ICI Central Toxicology Laboratory. 293 p.
41294001	Tinston, D. (1989) First Supplement to ICIA0224 4LC-E: 21 (Day) Dermal Study in Rats: Laboratory Project ID CTL/P/2496. Unpublished study prepared by ICI Central Toxicology Laboratory. 9 p.

82-7 Subchronic Neurotoxicity

MRID	Citation Reference
43151202	Horner, S. (1993) Glyphosate Trimesium: Subchronic Neurotoxicity Study in Rats: Lab Project Number: CTL/P/3831: PR0887. Unpublished study prepared by Zeneca Central Toxicology Lab. 358 p.

83-1 Chronic Toxicity

MRID	Citation Reference
40214005	Knapp, H.; Thomassen, R. (1987) One-year Chronic Oral Toxicity Study with SC-0224 in Beagle Dogs: Volume 1: Final Report: Laboratory Identification No. T-11075. Unpublished study prepared by Stauffer Chemical Co. 270 p.
40214006	Pavkov, K.; Turnier, J. (1987) 2-Year Chronic Toxicity and Oncogenicity Dietary Study with SC-0224 in Mice: Volume I: Final Report: Laboratory Identification No. T-11813. Unpublished study prepared by Stauffer Chemical Co. 4150 p.
40214007	Pavkov, K.; Wyand, S. (1987) Two Year Chronic Toxicity and Oncogenicity Dietary Study with SC-0224 in Rats: Volume 1: Final Report: Laboratory Identification No. T-11082. Unpublished study prepared by Stauffer Chemical Co. 3778 p.

41209901 Sprague, G.; Turnier, J. (1988) Supplement to MRID No. 40214005: One-Year Dog Chronic Toxicity Study with SC-0224 in Dogs: Report Addendum: T-11075. Unpublished study prepared by ICI Americas Inc. 48 p.

41209905 Pavkov, K.; Turnier, J. (1988) Addendum to Final Report: Two Year Chronic Toxicity and Carcinogenicity Dietary Study with SC-0224 in Rats: T-11082. Unpublished study prepared by ICI Americas Inc. 815 p.

41209906 Pavkov, K.; Turnier, J. (1988) EHC/P/136: Final Report: Supplement to MRID No. 40214007: Addendum 2 to Final Report: Two Year Chronic Toxicity and Oncogenicity Dietary Study with SC-0224 in Rats: Project ID: T-11082. Unpublished study prepared by ICI Americas Inc. 11 p.

41209907 Pavkov, K.; Turnier, J. (1988) Addendum to Final Report: Two Year Chronic Toxicity and Oncogenicity Dietary Study with SC-0224 in Mice: T-11813. Unpublished study prepared by ICI Americas Inc. 1033 p.

44673602 Duffell, S. (1998) Pathology Working Group Peer Review of Ventricular Dilatation of the Brain in Dogs: Lab Project Number: CTL/P/6038. Unpublished study prepared by Central Toxicology Laboratory. 47 p.

83-2      **Oncogenicity**

MRID	Citation Reference
40214006	Pavkov, K.; Turnier, J. (1987) 2-Year Chronic Toxicity and Oncogen- icity Dietary Study with SC-0224 in Mice: Volume I: Final Report: Laboratory Identification No. T-11813. Unpublished study prepared by Stauffer Chemical Co. 4150 p.
40214007	Pavkov, K.; Wyand, S. (1987) Two Year Chronic Toxicity and Oncogenicity Dietary Study with SC-0224 in Rats: Volume 1: Final Report: Laboratory Identification No. T-11082. Unpublished study prepared by Stauffer Chemical Co. 3778 p.
41209905	Pavkov, K.; Turnier, J. (1988) Addendum to Final Report: Two Year Chronic Toxicity and Carcinogenicity Dietary Study with SC-0224 in Rats: T-11082. Unpublished study prepared by ICI Americas Inc. 815 p.
41209906	Pavkov, K.; Turnier, J. (1988) EHC/P/136: Final Report: Supplement to MRID No. 40214007: Addendum 2 to Final Report: Two Year Chronic Toxicity and Oncogenicity Dietary Study with SC-0224 in Rats: Project ID: T-11082. Unpublished study prepared by ICI Americas Inc. 11 p.
41209907	Pavkov, K.; Turnier, J. (1988) Addendum to Final Report: Two Year Chronic Toxicity and Oncogenicity Dietary Study with SC-0224 in Mice: T-11813. Unpublished study prepared by ICI Americas Inc. 1033 p.

83-3      **Teratogenicity -- 2 Species**

MRID	Citation Reference
126618	Downs, J.; Minor, J.; Zwicker, G.; et al. (1982) A Teratology Study in CD Rats with SC-0224: T-11050. (Unpublished study received Mar 21, 1983 under 476-EX-101; submitted by Stauffer Chemical Co., Richmond, CA; CDL:249802-K)
132183	Downs, J.; Minor, J.; Zwicker, G.; et al. (1982) A Teratology Study in CD Rats with SC-0224: T-11050. Final rept. (Unpublished study received Jun 24, 1983 under 476-2225; submitted by Stauffer Chemical Co., Richmond, CA; CDL:250544-M)
155387	Minor, J. (1985) A Teratology Study in CD Rats with SC-0224: Amendment No. 1: Project No. T-11050. Unpublished study pre- pared by Stauffer Chemical Co. 2 p.
155526	Minor, J.; Downs, J. (1983) A Teratology Study in New Zealand White Rabbits with SC-0224: T-11052.

Unpublished study prepared by Stauffer Chemical Co. 116 p.

83-4      2-generation repro.-rat

MRID	Citation Reference
154272	Wilczynski, M.; Killinger, J. (1983) Fertility Screen with SC-0224 in Rats: Study No. T-10896. Unpublished study prepared by Stauffer Chemical Co. 92 p.
154273	Minor, J.; Downs, J. (1984) SC-0224 Two-generation Reproduction Study in Rats: Study No. T-11051. Unpublished study prepared by Stauffer Chemical Co. 1218 p.
162487	Minor, J. (1986) SC-0224 Two-generation Reproduction Study in Rats: T-11051: Addendum I: Response to United States Environmental Protection Agency's Comments. Unpublished study prepared by Stauffer Chemical Co., Environmental Health Center. 23 p.

83-6      Developmental Neurotoxicity

MRID	Citation Reference
45539801	Moxon, M. (2001) Glyphosate Trimesium: Developmental Neurotoxicity Study in Rats: Final Report: Lab Project Number: RR0823: 1271-99. Unpublished study prepared by Central Toxicology Laboratory. 2278 p. {OPPTS 870.6300}
45539802	Moxon, M. (1999) Glyphosate Trimesium: Preliminary Developmental Neurotoxicity Study in the Rat: Final Report: Lab Project Number: RR0817: 1272-99. Unpublished study prepared by Central Toxicology Laboratory. 48 p. {OPPTS 870.6300}
45539803	Moxon, M. (1999) Glyphosate Trimesium: Preliminary Developmental Neurotoxicity Study in the Rat: Final Report: Lab Project Number: RR0817; 1272-99. Unpublished study prepared by Central Toxicology Laboratory. 38 p. {OPPTS 870.6300}

84-2      Interaction with Gonadal DNA

MRID	Citation Reference
126611	Majeska, J.; Matheson, D.; Ruch, G.; et al. (1982) SC-0224 (Lot No. 6841-48-3): Mutagenicity Evaluation in Bone Marrow Cytogenetic Analysis in Rats: Report No. T-10884. (Unpublished study received Mar 21, 1983 under 476-EX-101; submitted by Stauffer Chemical Co., Richmond, CA; CDL:249802-D)
126612	Majeska, J.; Zameck, R.; Matheson, D. (1982) SC-0224 (Lot No. 7269- 10): Mutagenicity Evaluation in Salmonella typhimurium: Report No. T-10847. (Unpublished study received Mar 21, 1983 under 476-EX-101; submitted by Stauffer Chemical Co., Richmond, CA; CDL:249802-E)
126613	Majeska, J.; Zameck, R.; Matheson, D. (1982) SC-0224 (Lot No. 7646- 0901): Mutagenicity Evaluation in Salmonella typhimurium: Report No. T-11070. (Unpublished study received Mar 21, 1983 under 476-EX-101; submitted by Stauffer Chemical Co., Richmond, CA; CDL:249802-F)
126614	Majeska, J.; O'Lone, S.; Zameck, R.; et al. (1982) SC-0224 (Lot No. 6841-48 3): Mutagenicity Evaluation in Chinese Hamster Ovary Cytogenetic Assay: Report No. T-10875. (Unpublished study received Mar 21, 1983 under 476-EX-101; submitted by Stauffer Chemical Co., Richmond, CA; CDL:249802-G)

- 126615 Majeska, J.; Hertz, K.; Zameck, R.; et al. (1982) SC-0224 (Lot No. WRC 7466-18-01): Mutagenicity Evaluation in Chinese Hamster Ovary Cytogenetic Assay: Report No. T-11019. (Unpublished study received Mar 21, 1983 under 476-EX-101; submitted by Stauffer Chemical Co., Richmond, CA; CDL:249802-H)
- 126616 Majeska, J.; Hertz, K.; Matheson, D. (1982) SC-0224 (Lot Nos. 7269-10; 6841-48-3): Mutagenicity Evaluation in Mouse Lymphoma Multiple Endpoint Test: A. Forward Mutation Assay: Report No. T-10848. (Unpublished study received Mar 21, 1983 under 476-EX-101; submitted by Stauffer Chemical Co., Richmond, CA; CDL:249802-I)
- 126617 Majeska, J.; Krawiec, J.; Matheson, D. (1982) SC-0224 (Lot No. 7269-10): Morphological Transformation of Balb/3T3 Cells: Report No. T-10849. (Unpublished study received Mar 21, 1983 under 476-EX-101; submitted by Stauffer Chemical Co., Richmond, CA; CDL:249802-J)
- 132176 Matheson, D.; Majeska, J.; Ruch, G.; et al. (1982) SC-0224: Mutagenicity Evaluation in Bone Marrow Cytogenetic Analysis in Rats: Report No. T-10884. (Unpublished study received Jun 24, 1983 under 476-2225; submitted by Stauffer Chemical Co., Richmond, CA; CDL:250544-F)
- 132177 Majeska, J.; Zameck, R.; Matheson, D. (1982) SC-0224: Mutagenicity Evaluation in Salmonella Typhimurium: Report No. T-10847. (Unpublished study received Jun 24, 1983 under 476-2225; submitted by Stauffer Chemical Co., Richmond, CA; CDL:250544-G)
- 132178 Majeska, J.; Zameck, R.; Matheson, D. (1982) SC-0224: Mutagenicity Evaluation in Salmonella Typhimurium: Report No. T-11070. (Unpublished study received Jun 24, 1983 under 476-2225; submitted by Stauffer Chemical Co., Richmond, CA; CDL:250544-H)
- 132179 Majeska, J.; O'Lone, S.; Zameck, R.; et al. (1982) SC-0224: Mutagenicity Evaluation in Chinese Hamster Ovary Cytogenetic Assay: Report No. T-10875. (Unpublished study received Jun 24, 1983 under 476-2225; submitted by Stauffer Chemical Co., Richmond, CA; CDL:250544-I)
- 132180 Majeska, J.; Hertz, K.; Zameck, R.; et al. (1982) SC-0224: Mutagenicity Evaluation in Chinese Hamster Ovary Cytogenetic Assay: Report No. T-11019. (Unpublished study received Jun 24, 1983 under 476-2225; submitted by Stauffer Chemical Co., Richmond, CA; CDL:250544-J)
- 132181 Majeska, J.; Hertz, K.; Matheson, D. (1982) SC-0224: Mutagenicity Evaluation in Mouse Lymphoma Multiple Endpoint Test: A. Forward Mutation Assay: Report No. T-10848. (Unpublished study received Jun 24, 1983 under 476-2225; submitted by Stauffer Chemical Co., Richmond, CA; CDL:250544-K)
- 132182 Majeska, J.; Krawiec, J.; Matheson, D. (1982) SC-0224: Morphological Transformation of BALB/3T3 Cells: Report No. T-10849. (Unpublished study received Jun 24, 1983 under 476-2225; submitted by Stauffer Chemical Co., Richmond, CA; CDL:250544-L)
- 155527 Majeska, J. (1985) Mutagenicity Evaluation in Salmonella typhimurium: SC-0224: Report No. T-12660. Unpublished study prepared by Stauffer Chemical Co. 20 p.
- 155528 Majeska, J. (1985) Mutagenicity Evaluation in Mouse Lymphoma Multiple Endpoint Test Forward Mutation Assay: SC-0224: Report No. T-12661. Unpublished study prepared by Stauffer Chemical Co. 31 p.
- 155529 Majeska, J. (1985) Mutagenicity Evaluation in Mouse Lymphoma Multiple Endpoint Test Cytogenetic Assay: SC-0224: Report No. T-12662. Unpublished study prepared by Stauffer Chemical Co. 32 p.
- 155530 Majeska, J. (1985) Mutagenicity Evaluation in Chinese Hamster Ovary Cytogenetic Assay: SC-0224: Report No. T-12663. Unpublished study prepared by Stauffer Chemical Co. 19 p.
- 40214001 Matheson, D. (1987) Addendum I: SC-0224 Mutagenicity Evaluation in Mouse Lymphoma Multiple Endpoint Test--Forward Mutation Assay: Laboratory ID No. T-12661. Unpublished study prepared by Stauffer Chemical Co. 23 p.
- 40214002 Matheson, D. (1987) Addendum I: SC-0224 Mutagenicity Evaluation in Mouse Lymphoma Multiple Endpoint Test--Cytogenic Assay: Laboratory ID No. T-12662. Unpublished study prepared by Stauffer

Chemical Co. 27 p.

40214003 Matheson, D. (1987) Addendum I: SC-0224 Mutagenicity Evaluation in Chinese Hamster Ovary Cytogenic Assay: Laboratory ID No. T-12663. Unpublished study prepared by Stauffer Chemical Co. 23 p.

40214004 Majeska, J. (1987) Mutagenicity Evaluation in Bone Marrow Micro- nucleus: SC-0224: Final Report: Laboratory Identification No. T-12689. Unpublished study prepared by Stauffer Chemical Co. 20 p.

41209908 Matheson, D. (1987) Supplement to MRID No. 40214004: Mutagenicity Evaluation in Bone Marrow Micronucleus: SC-0224: Project ID: T-12689. Unpublished study prepared by ICI Americas Inc. 15 p.

85-1 General metabolism

MRID	Citation Reference
132190	Ross, J.; Baumgardner, M. (1982) SC-0224: Rat Metabolism and Tissue Residue: Project 148193. Interim rept. #3. (Unpublished study received Jun 24, 1983 under 476-2225; submitted by Stauffer Chemical Co., Richmond, CA; CDL:250545-J)
154271	Ross, J. (1985) Metabolism, Tissue Residue and Balance Studies of Orally Administered [Methyl [Carbon-14]] Trimethylsulfonium Carboxymethylaminomethylphosphonate (SC-0224) in Rats: Report No. PMS-148. Unpublished study prepared by Stauffer Chemical Co. 60 p.
41235903	Boberg, E.; Ritter, J. (1989) ICIA-0224: Metabolism Study in Rats: Study No. T-12906: Final Report. Unpublished study prepared by ICI Americas, Inc. 122 p.

122-1 Seed Germination/Seedling Emergence and Vegetable Vigor

MRID	Citation Reference
41111403	Shaw, J.; Cory, P.; Brown, R. (1989) ICIA0224: Pre and Post-emergence Effects on Non-target Plants: Rept. No. RJ0734B. Unpublished study prepared by Imperial Chemical Industries, Jealotts Hill Research Station. 69 p.

122-2 Aquatic plant growth

MRID	Citation Reference
41111404	Smyth, D.; Tapp, J. (1988) ICIA0224: Determination of Toxicity to the Green Algae Selenastrum capricornutum: Rept. NO. BL/B/3289. Unpublished study prepared by Imperial Chemical Industries Ltd., Brixham Laboratory. 18 p.

123-2 Aquatic plant growth

MRID	Citation Reference
44556601	Hamer, M.; Rhodes, M. (1998) Glyphosate-Trimesium: Response to Ecological Effects Branch Review dated November 8, 1995: New Crops: Wheat and the Pome Fruit Group: Lab Project Number: MER050198:

34733-2. Unpublished study prepared by Zeneca Ag Products Analytical Bio-Chemistry Laboratories, Inc. 207 p.

44578303 Smyth, D.; Kent, S.; Shillabeer, N. (1997) Glyphosate Trimesium: Toxicity to Duckweed (Lemna Gibba): Lab Project Number: AD0240/E. Unpublished study prepared by Zeneca Ltd. 24 p.

44578304 Smyth, D.; Kent, S.; Shillabeer, N. (1997) Glyphosate Trimesium: Toxicity to the Marine Alga: Skeletonema costatum: Lab Project Number: AD0240/C. Unpublished study prepared by Zeneca Ltd. Brixham Environmental Lab. 25 p.

44578305 Smyth, D.; Kent, S.; Shillabeer, N. (1997) Glyphosate Trimesium: Toxicity to the Blue-Green Alga: Anabaena flos-aquae: Lab Project Number: AD0240/B. Unpublished study prepared by Zeneca Ltd. 25 p.

44578306 Smyth, D.; Kent, S.; Shillabeer, N. (1997) Glyphosate Trimesium: Toxicity to the freshwater diatom Navicula pelliculosa: Lab Project Number: AD0240/D. Unpublished study prepared by Zeneca Ltd. 25 p.

161-1      **Hydrolysis**

MRID	Citation Reference
131694	Tseng, C.; Kleinschmidt, M.; Myers, H.; et al. (1983) Hydrolysis and Photolysis Degradation Studies of SC-0224: Report No. WRC 83-53. (Unpublished study received Oct 25, 1983 under 476-EX- 102; submitted by Stauffer Chemical Co., Richmond, CA; CDL: 251545-C)
132171	Stauffer Chemical Co. (1983) ?Chemistry of Knoxweed Herbicide . (Compilation; unpublished study received Jun 24, 1983 under 476- 2225; CDL:250544-A)
132194	Katague, D. (1983) Photolysis of SC-0224 in Water: Report No. RRC 83-22. (Unpublished study received Jun 24, 1983 under 476-2225; submitted by Stauffer Chemical Co., Richmond, CA; CDL:250545-O)

161-3      **Photodegradation-soil**

MRID	Citation Reference
154274	McGahen, L. (1983) The Photodegradation of SC-0224 Applied to Soil: Report No. PMS-137. Unpublished study prepared by Stauffer Chemical Co. 16 p.
40046204	McGahen, L. (1986) The Photodegradation of SC-0224 Applied to Soil: Addendum to Study: Laboratory Project ID: PMS-137; MRC-83-09. Unpublished study prepared by Stauffer Chemical Co. 14 p.

162-1      **Aerobic soil metabolism**

MRID	Citation Reference
132370	Dennison, J.; McBain, J. (1982?) Metabolism of the SC-0224 Tri- methylsulfonium Cation in soil: Project 148193--Herbicide sc- 0224 (MIR-14-05-83). Unpublished study.
155194	McBain, J. (1985) Metabolism of SC-0224 in Soil: Fate of the Trimethylsulfonium Moiety: Report No.: PMS-179: MRC Report No. 85-10. Unpublished study prepared by Stauffer Chemical Co., Mt. View Biological Research Center. 50 p.
155195	McBain, J. (1985) Metabolism of SC-0224 in Soil: Fate of the Carboxymethylaminomethylphosphonate

Moiety: Report No: PMS-186: MRC Report No. 85-11. Unpublished study prepared by Stauffer Chemical Co., Mt. View Biological Research Center. 26 p.

163383 Dennison, J.; McBain, J. (19??) Metabolism of the SC-0224 Carboxy- methylaminomethylphosphonate Anion in Soil: Project 148193 - Herbicide SC-0224 (MIR-25-8-83): Interim Report No. 1. Unpub- lished study prepared by Stauffer Chemical Company. 12 p.

162-2      **Anaerobic soil metabolism**

MRID	Citation Reference
40214008	McBain, J.; Benedict, S.; Jackson, L. (1987) SC-0224--Anaerobic Soil Metabolism Study: Fate of the Trimethylsulfonium Moiety: Laboratory Project ID PMS-218; MRC-87-19. Unpublished study prepared by Stauffer Chemical Co., Mountain View Research Center. 31 p.
40214009	McBain, J.; Benedict, S.; Jackson, L. (1987) SC-0224--Anaerobic Soil Metabolism Study: Fate of the Carboxymethylaminomethylphos- aaaaaa Acid Moiety: Laboratory Project ID PMS-217; MRC-87-18. Unpublished study prepared by Stauffer Chemical Co. 27 p.
40277803	McBain, J.; Benedict, S.; Jackson, L. (1987) Addendum I: SC-0224-- Anaerobic Soil Metabolism Study: Fate of the Trimethylsulfonium Moiety: Laboratory Project ID: PMS-218; MRC-87-19. Unpublished study prepared by Stauffer Chemical Co. 17 p.

162-4      **Aerobic aquatic metab.**

MRID	Citation Reference
44673604	Ericson, J.; Tovshteyn, M.; Murray, S. (1997) (carbon 14)-TMS Glyphosate Trimesium: Aquatic Sediment Degradation: Lab Project Number: PMS-442: WRC-97-142: RR97-065B. Unpublished study prepared by Zeneca Ag Products. 52 p.
44777901	Akhavan, A.; Murray, S. (1997) ((carbon-14)-PMG) Glyphosate-Trimesium: Aquatic Sediment Degradation: Lab Project Number: PMS-443: WRC-97-142: RR97-066B. Unpublished study prepared by Zeneca Ag Products. 59 p.

163-1      **Leach/adsorp/desorption**

MRID	Citation Reference
126606	Spillner, C.; Ichien, J. (1978?) Soil Mobility Studies: (SC-0224): Project 148193. (Unpublished study received Mar 21, 1983 under 476-EX-101; submitted by Stauffer Chemical Co., Richmond, CA; CDL:249801-B)
160665	Spillner, C. (1986) SC-0224 Aged Soil Mobility Study: Project No. PMS-205 MRC-86-02. Unpublished study prepared by Stauffer Chemical Co. 40 p.
40277801	Spillner, C. (1987) [Carbon 14-cation] SC-0224 Soil Leaching and Adsorption/Desorption: Interim Report: Document No. PMS-261-I; MRC-87-23. Unpublished study prepared by Stauffer Chemical Co. 23 p.
40277802	Hall, L. (1987) Computer Model Investigation of the Leaching Poten- tial of TMS Cation: Interim Report: Document No. RS-870713. Un- published study prepared by Stauffer Chemical Co. 12 p.

40326201 Spillner, C. (1987) [Carbon 14-cation] SC-0224 Soil Leaching and Adsorption/Desorption: Document Number: PMS-261-I MRC-87-23: (Interim Report): (Revised September 1, 1987). Unpublished study prepared by Stauffer Chemical Co. 23 p.

164-1 Terrestrial field dissipation

MRID	Citation Reference
126607	Stauffer Chemical Co. (1982) SC-0224 Environmental Run-off Study. (Compilation; unpublished study received Mar 21, 1983 under 476-EX-101; CDL:249801-C)
132192	Chappell, W. (1982) SC-0224 Environmental Run-off Study. (Unpub- lished study received Jun 24, 1983 under 476-2225; prepared by Virginia Polytechnic Institute and State Univ., Dept. of Plant Pathology and Physiology, submitted by Stauffer Chemical Co., Richmond, CA; CDL:250545-M)
40046205	Kleinschmidt, M. (1986) SC-0224 4-LC Field Dissipation Study: Addendum to Studies. Unpublished study prepared by Stauffer Chemical Co. 42 p.
40179001	Meyers, T. (1987) Sulfonate - Field Dissipation Study for Terres- trial Uses: Mississippi: Touchdown 4-LC: Lab. ID No. RRC 87-21. Unpublished study prepared by Stauffer Chemical Co. 166 p.
40179002	Meyers, T. (1987) Sulfonate - Field Dissipation Study for Terres- trial Uses: California: Touchdown 4-LC: Lab. ID No. RRC 87-23. Unpublished study prepared by Stauffer Chemical Co. 159 p.
41209921	Iwata, Y. (1989) ICIA0224--Field Dissipation Study for Terrestrial Uses Georgia, 1987-1988: Residue Data To Support Registration of TOUCHDOWN: Laboratory ID No. WRC 89-23. Unpublished study pre- pared by ICI Americas Inc. 228 p.
41235906	Iwata, Y. (1989) ICIA 0224--Field Dissipation Study for Terrestrial Uses: Project ID WRC 89-37: Protocol No. RP-87-37. Unpublished study prepared by ICI Americas Inc. 215 p.
41235907	Iwata, Y. (1989) ICIA 0224--Field Dissipation Study for Terrestrial Uses: Project ID WRC 89-40: Protocol No. RP-87-27. Unpublished study prepared by ICI Americas, Inc. 244 p.
42937701	Rhodes, M. (1989) Glyphosate-trimesium: Response to the Environmental Fate Review of Terrestrial Field Dissipation Date Supporting Pesticide Petition Nos. 1H5606 and 1F3950 (Grapes), OF3860 (Soybeans), and OF3890 (Citrus): Addendum: Lab Project Number: WRC 89-23: WRC 89-37: WRC 89-23-40. Unpublished study prepared by Zeneca Inc., Western Research Center. 7 p.
44326504	Roper, E.; Hoag, R. (1992) Touchdown: Field Dissipation Study for Terrestrial Uses Othello, Washington, 1988-1989: (Final Report): Lab Project Number: 0224-88-SD-01: 94WA-88-147: RR 92-059B. Unpublished study prepared by Zeneca Ag Products. 244 p.
44326505	Roper, E. (1994) Touchdown: Field Dissipation Study for Terrestrial Uses Visalia, California 1991-1992: (Final Report): Lab Project Number: GLYP-91-SD-02: RR 93-074B: 02CA-91-403. Unpublished study prepared by Zeneca Ag Products. 166 p.
44326507	Iwata, Y. (1994) Touchdown: Determination of Residues of the Trimethylsulfonium Cation in Soil and Water by Gas Chromatography: Lab Project Number: GLYP-93-AM-05: RR 94-010B. Unpublished study prepared by Zeneca Ag Products. 43 p.
44353901	Roper, E.; Hoag, R. (1994) Touchdown: Field Dissipation Study for Terrestrial Uses, Champaign, Illinois, 1988-1989: (Final Report): Lab Project Number: 0224-88-SD-01: US04-88-142: RR 93-027B. Unpublished study prepared by Zeneca Ag Products. 168 p.

165-1 Confined rotational crop

MRID	Citation Reference
41209920	Spillner, C. (1989) ?Carbon 14-anion ICIA0224 - Confined Accumulation Studies on Rotational Crops: Study No. PMS-224; Report No. WRC 89-25. Unpublished study prepared by ICI Americas Inc. 39 p.
41209922	Spillner, C. (1989) ?Carbon 14-cation ICIA0224--Confined Accumulation Studies on Rotational Crops: Study No. PMS-227; Report No. WRC 89-26. Unpublished study prepared by ICI Americas Inc. 67 p.
43450901	Subba-Rao, R.; Tamichi, E. (1993) ((Carbon 14)-TMS)Glyphosate- Trimesium: Confined Accumulation Studies on Rotational Crops: Lab Project Number: PMS 313: RR 93-045B. Unpublished study prepared by Zeneca, Inc. 117 p.
43450902	Spillner, C.; Bowler, D. (1993) ((Carbon 14)-Anion)Glyphosate- Trimesium: Confined Accumulation Studies on Rotational Crops: Lab Project Number: PMS 305: RR 92-096B. Unpublished study prepared by Zeneca, Inc. 227 p.

171-4B      Residue Analytical Methods

MRID	Citation Reference
40046206	Katague, D.; Patchett, G.; Kleinschmidt, M. (1987) Residue Analytical Method: Determination of SC-0224 Cation Residues in Crops, Water, and Soil by Gas Chromatography: Laboratory Project ID: RRC 85-33. Unpublished study prepared by Stauffer Chemical Co. 38 p.
40046207	Patchett, G.; Katague, D.; Kleinschmidt, M. (1987) Residue Analytical Method: Determination of SC-0224 Anion Residues in Crops, Soil, and Water by Liquid Chromatography: Laboratory Project ID: WRC 85-34. Unpublished study prepared by Stauffer Chemical Co. 53 p.
42848702	Alferness, P. (1993) Touchdown: Determination of Glyphosate and Aminomethylphosphonic Acid in Corn Grain, Corn Forage, and Corn Fodder by Gas Chromatography and Mass-Selective Detection: Lab Project Number: GLYP-92-AM-04: RR 92-042B. Unpublished study prepared by Zeneca Ag Product, Western Research Center. 77 p.
42937702	Schwab, G. (1986) Frozen Storage Stability of Touchdown in Soil: Lab Project Number: RRC 86-61: RRC 89-44: RRC 89-45. Unpublished study prepared by Stauffer Chemical Co., Richmond Research Center. 173 p.
43165802	Jones, R.; Freeman, B. (1993) Confirmation of the Tolerance Enforcement Method RR 92-042B Entitled "Touchdown: Determination of Glyphosate and Aminomethylphosphonic acid in Corn Grain, Corn Forage, and Corn Fodder by Gas Chromatography and Mass-Selective Detection": Lab Project Number: 93JH199: RJ1570B. Unpublished study prepared by Jealott's Hill Research Center, Zeneca Ag Products. 23 p.
43273605	Iwata, Y. (1994) TOUCHDOWN: Independent Laboratory Confirmation of the Method RR 93-105B for Residues of the Trimethylsulfonium Cation in Agricultural Crops: Lab Project Number: GLYP-93-MT-03: RR 94-019B. Unpublished study prepared by Morse Labs., Inc. and ZENECA Ag Products. 57 p.
43273607	Iwata, Y. (1994) TOUCHDOWN: Independent Laboratory Confirmation of the Method RR 93-104B for Residues of Glyphosate and (Aminomethyl)phosphonic Acid in Milk, Eggs, and Animal Tissues: Lab Project Number: GLYP-93-MT-02: RR 94-018B. Unpublished study prepared by Morse Laboratories, Inc. and ZENECA Ag Products, Western Research Center. 53 p.
43273609	Iwata, Y. (1994) TOUCHDOWN: Independent Laboratory Confirmation of the Method RR 93-100B for Residues of the Trimethylsulfonium Cation in Milk, Eggs, and Animal Tissues: Lab Project Number: GLYP-93-MT-01: RR 94-017B. Unpublished study prepared by Morse Labs., Inc. and ZENECA Ag Products, Western Research Center. 49 p.

43397001 Rhodes, M. (1994) Glyphosate-Trimesium Response to Chemistry Branch I-Tolerance Support Review Dated September 30, 1992: Proposed Tolerances: Corn Grain, Forage, and Fodder (PP# 9F3796). Unpublished study prepared by Zeneca, Inc. 31 p.

43549901 McGinley, A. (1994) N-(Phosphonomethyl)Glycine: Validation of the Residue Analytical Method in Crops: Lab Project Numbers 93JH170: RJ1599B: RAM 245/02. Unpublished study prepared by Zeneca Agrochemicals. 48 p.

43549902 Tummon, O. (1994) Validation of a Residue Analytical Method for the Determination of the Trimethylsulphonium Cation (TMS+) of Glyphosate-trimesium in Crops: Lab Project Numbers: 93JH246: RJ1601B: RAM 246/01. Unpublished study prepared by Zeneca Agrochemicals. 33 p.

43631301 Alferness, P. (1995) Touchdown: Determination of Glyphosate (N-(Phosphonomethyl)glycine) in Crops by Gas Chromatography and Mass-Selective Detection: (Revised): Lab Project Number: RR 92-042B RES: GLYP-92-AM-04. Unpublished study prepared by Zeneca Ag Products, Western Research Center. 78 p.

43864801 Iwata, Y. (1995) Touchdown: Determination of Residues of the Trimethylsulfonium Cation in Agricultural Crops by Gas Chromatography: (Revised): Lab Project Number: GLYP-93-AM-04: RR 93-105B RES. Unpublished study prepared by Zeneca Ag Products. 68 p.

44246701 Alferness, P. (1997) Touchdown: Determination of Glyphosate N-(Phosphonomethyl)glycine and Aminomethylphosphonic Acid in Animal Products by Gas Chromatography and Mass-Selective Detection (a Revised Method): Lab Project Number: RR 93-104B RES: GLYP-93-AM-02. Unpublished study prepared by Zeneca's Western Research Center. 78 p.

44246702 Iwata, Y. (1996) Touchdown: Determination of Residues of the Trimethylsulfonium Cation in Milk, Eggs, and Animal Tissues by Gas Chromatography: Lab Project Number: GLYP-93-AM-03: RR 93-100B RES: RR 93-100B. Unpublished study prepared by Zeneca's Western Research Center. 51 p.

44326506 Alferness, P. (1994) Touchdown: Determination of Glyphosate and Aminomethylphosphonic Acid in Soil by Gas Chromatography and Mass-Selective Detection: Lab Project Number: GLYP-92-AM-01: RR 92-010B. Unpublished study prepared by Zeneca Ag Products. 70 p.

171-4C      **Magnitude of the Residue [by commodity]**

MRID	Citation Reference
40046206	Katague, D.; Patchett, G.; Kleinschmidt, M. (1987) Residue Analy- tical Method: Determination of SC-0224 Cation Residues in Crops, Water, and Soil by Gas Chromatography: Laboratory Project ID: RRC 85-33. Unpublished study prepared by Stauffer Chemical Co. 38 p.
40046207	Patchett, G.; Katague, D.; Kleinschmidt, M. (1987) Residue Analy- tical Method: Determination of SC-0224 Anion Residues in Crops, Soil, and Water by Liquid Chromatography: Laboratory Project ID: WRC 85-34. Unpublished study prepared by Stauffer Chemical Co. 53 p.
40046208	Schwab, G. (1987) Frozen Storage Stability of Touchdown in Soil: Laboratory Project ID: RRC 86-61. Unpublished compilation pre- pared by Stauffer Chemical Co. 173 p.
41209916	McKay, J. (1989) ICIA 0224 - Storage Stability Study: Crops: Storage Stability Validation for ICIA 0224 in Raw Agricultural Commodities: Project ID: WRC 89-22. Unpublished study prepared by ICI Americas Inc. 137 p.
41209917	McKay, J. (1989) ICIA0224: Magnitude-of-the-Residue Study on Field Corn: Project ID: WRC 89-58. Unpublished study prepared by ICI Americas Inc. 462 p.
41209918	McKay, J. (1989) ICIA0224: Magnitude-of-the-Residue Study on Field Corn Processed Products: Project ID: WRC 89-134. Unpublished study prepared by ICI Americas Inc. 281 p.

- 41209919 Spillner, C. (1989) ?Carbon 14-anion|ICIA0224--Nature of the Residue: Soybeans: Project ID: PMS-222; Report No. WRC 89-24. Unpublished study prepared by ICI Americas Inc. 52 p.
- 41462103 McKay, J. (1990) ICIA0224: Magnitude-of-the-residue Study on Soybeans: Residue Data to Support Registrations of Products Containing ICIA0224 as an Active Ingredient: Lab Report No.: RR 89-0708: Master Protocol Number 0224-88-MR-01. Unpublished study prepared by ICI Americas, Inc., Western Research Center. 454 p.
- 41462104 Mckay, J. (1990) ICIA0224: Magnitude-of-the-residue Study on Soy- bean Processed Products: Residue Data to Support Registrations of Products Containing ICIA0224 as an Active Ingredient: Report No. RR 90-021B: Master Protocol Nos. 0224-88-PR-04; 0224-88-PR- 07. Unpublished study prepared by ICI Americas, Inc., Western Research Center. 205 p.
- 41462105 Graham, D. (1990) Magnitude of SC-0224 Residues in Eggs and Poultry: Lab Project I.D.: RRC 87-43. Unpublished study prepared by Stauffer Chemical Co., Richmond Research Center. 205 p.
- 41462106 Riggs, R. (1987) Magnitude of SC-0224 Residues in Meat and Milk: Lab Project I.D.: RRC 87-44. Unpublished study prepared by Stauffer Chemical Co., Richmond Research Center. 277 p.
- 41734402 Mckay, J. (1990) ICIA-0224: Magnitude-of-the-Residue Study on Grapes: Lab Proj. No. RR 90-411B. Unpublished study prepared by ICI Americas Inc. 192 p.
- 41734403 Mckay, J. (1990) Magnitude-of-the Residue Study on Grape Processed Products Residue Data to Support Registration of Products Conta- ining ICIA-0224 as an Active Ingredient: Lab Project Number: RR 90-406B. Unpublished study prepared by ICI Americas Inc. 117 p
- 42068103 Tarr, J. (1989) Addendum to MRID 41209911, 41209912, 41209913, and 41209914--Nature of Residues of Orally Administered [Trimethylsulfonium and Phosphonomethyl-[carbon 14]] ICIA0224 in Tissues, Milk, and Eggs. Unpublished study prepared by ICI Americas Inc. 5 p.
- 42441901 Mckay, J. (1990) Addendum to MRID 4174402: Revised Tables 2.2, 2.3 and 2.4 for ICIA-0224: Magnitude-of-the-Residue Study on Grapes: Lab Project Number: RR 90-441B. Unpublished study prepared by ICI Americas Inc, Western Research Center. 8 p.
- 42451201 Iwata, Y. (1992) Touchdown: Magnitude of the Residue Study on Grapefruits, Lemons and Oranges: Lab Project Number: 0224-90-MR-01: 0224-90-MR-02: 0224-90-MR-03. Unpublished study prepared by ICI Americas, Inc. 328 p.
- 42848703 Wiebe, L. (1993) Glyphosate-Trimesium: Magnitude-of-the-Residue Study on Cherries, Peaches, and Plums from Trials Conducted in the USA During 1991: Residue Data to Support Registrations of Products Containing Glyphosate-Trimesium as an Active Ingredient: Lab Project Number: GLYP-91-MR-03: GLYP-91-MR-04: GLYP-91-MR-05. Unpublished study prepared by Zeneca Ag Product, Western Research Center. 381 p.
- 42848704 Wiebe, L. (1993) Touchdown: Processing Study for Residues of Glyphosate-Trimesium on Plums: Lab Project Number: GLYP-91-PD-02: RR 92-100B. Unpublished study prepared by Zeneca Ag Products, Western Research Center and The National Food Laboratory, Inc. 80 p.
- 42937702 Schwab, G. (1986) Frozen Storage Stability of Touchdown in Soil: Lab Project Number: RRC 86-61: RRC 89-44: RRC 89-45. Unpublished study prepared by Stauffer Chemical Co., Richmond Research Center. 173 p.
- 43019701 Iwata, Y.; Rhodes, M. (1993) Determination of SC-0224 Cation (Trimethylsulfonium) Residues in Crops, Water, and Soil by Gas Chromatography: An Addendum to MRID 40046206: Lab Project Number: WRC/85/33R. Unpublished study prepared by Zeneca Ag Products, Western Research Center. 92 p.
- 43165801 Wiebe, L. (1993) Touchdown: Magnitude-of-the-Residue Study for Residues of Glyphosate-Trimesium on Almonds, Pecans, and Walnuts from Trials Conducted in the USA During 1990: Lab Project Number: 0224-90-MR-05: 0224-90-MR-06: 0224-90-MR-07. Unpublished study prepared by Western Research Center,

Zeneca Ag Products. 287 p.

43273604 Iwata, Y. (1993) TOUCHDOWN: Determination of Residues of the Trimethylsulfonium Cation in Agricultural Crops by Gas Chromatography: Lab Project Number: GLYP-93-AM-04: RR 93-105B. Unpublished study prepared by ZENECA Ag Products, Western Research Center. 68 p.

43273606 Alferness, P. (1993) TOUCHDOWN: Determination of Glyphosate and Aminomethylphosphonic Acid in Animal Products by Gas Chromatography and Mass-Selective Detection: Lab Project Number: GLYP-93-AM-02: RR 93-104B. Unpublished study prepared by ZENECA Ag Products, Western Research Center. 78 p.

43273608 Iwata, Y. (1993) TOUCHDOWN: Determination of Residues of the Trimethylsulfonium Cation in Milk, Eggs, and Animal Tissues by Gas Chromatography: Lab Project Number: GLYP-93-AM-03: RR 93-100B. Unpublished study prepared by ZENECA Ag Products, Western Research Center. 51 p.

43273610 Graham, D.; Wiebe, L. (1994) TOUCHDOWN: Magnitude-of-the-Residue of Glyphosate-Trimesium on Corn from Trials Conducted in the USA During 1989: Lab Project Number: 0224-89-MR-02: RR 93-106B. Unpublished study prepared by ZENECA Ag Products, Western Research Center. 201 p.

43273611 Wiebe, L. (1994) TOUCHDOWN: Magnitude-of-the-Residue of Glyphosate-Trimesium on Corn from Trials Conducted in the USA During 1993: Lab Project Number: GLYP-93-MR-01: RR 94-007B. Unpublished study prepared by ZENECA Ag Products, Western Research Center. 59 p.

43397001 Rhodes, M. (1994) Glyphosate-Trimesium Response to Chemistry Branch I-Tolerance Support Review Dated September 30, 1992: Proposed Tolerances: Corn Grain, Forage, and Fodder (PP# 9F3796). Unpublished study prepared by Zeneca, Inc. 31 p.

43397004 Grant, C.; Wiebe, L. (1994) TOUCHDOWN: Processing Study for Residues of Glyphosate-Trimesium on Soybeans and Magnitude of the Residue in Soybean Aspirated Grain Fractions: Lab Project Number: GLYP/93/PR/01: RR/93/112B. Unpublished study prepared by Zeneca Western Research Center and Texas A&M University. 120 p.

43419801 Wiebe, L. (1992) Touchdown: Magnitude-of-the-Residue Study on Soybeans Residue: Data to Support Registrations of Products Containing Glyphosate-trimesium as Active Ingredient: Lab Project Number: 0224-89-MR-01: RR 92-027B. Unpublished study prepared by ICI Americas Inc. 272 p.

43549903 Jones, R.; Ely, V. (1994) Glyphosate-Trimesium: Residue Levels in Bananas from a Trial Carried Out in Guatemala During 1993 and 1994: Lab Project Numbers: 93JH146: RJ1764B: 112 GUA. Unpublished study prepared by Zeneca Agrochemicals. 37 p.

43549904 Jones, R.; Cross, R.; Ely, V. (1994) Glyphosate-Trimesium: Residue Levels in Bananas from Trials Carried Out in Mexico During 1993 and 1994: Lab Project Number: 93JH159: RJ1765B: MX99-93-H101. Unpublished study prepared by Zeneca Agrochemicals. 59 p.

43549905 McGinley, A.; Lant, M. (1994) Glyphosate-Trimesium: Residue Levels in Bananas from Trials Carried Out in Ecuador During 1993 and 1994: Lab Project Numbers: 93JH149: RJ1701B: RESTOUCH 2. Unpublished study prepared by Zeneca Agrochemicals. 55 p.

43712802 Wiebe, L. (1994) Touchdown: Magnitude of the Residue of Glyphosate-Trimesium on Wheat from Trials Conducted in the USA During 1992, 1993, and 1994: Lab Project Number: GLYP-92-MR-01: GLYP-93-MR-02: GLYP-94-MR-01. Unpublished study prepared by Zeneca Ag Products. 138 p.

43712803 Wiebe, L. (1993) Touchdown: Magnitude-of-the-Residue of Glyphosate-Trimesium on Apples and Pears from Trials Conducted in the USA During 1991: Lab Project Number: GLYP-91-MR-01: GLYP-91-MR-02: RR 93-075B. Unpublished study prepared by Zeneca Ag Products. 330 p.

43712804 Alferness, P.; Wiebe, L. (1994) Touchdown: Processing Study for Residues of Glyphosate-Trimesium on Wheat and Magnitude of the Residues in Wheat Aspirated Grain Fractions: Lab Project Numbers: GLYP-93-PR-02: RR-94-041B: 78-MN-93-632. Unpublished study prepared by Zeneca Ag Products and Texas A&M University. 90 p.

- 43712805 Wiebe, L. (1994) Touchdown: Processing Study for Residues of Glyphosate-Trimesium on Apples: Lab Project Number: GLYP-91-PR-01: RR 93-097B: ASW-838-C. Unpublished study prepared by Zeneca Ag Products and Englar & Associates. 94 p.
- 44313903 Iwata, Y. (1997) Glyphosate Trimesium: Magnitude of the Residue Study on Soybeans from Trials Conducted in the United States: (Interim Report): Lab Project Number: GLYP-96-MR-08: RR 97-010B INT: 47-NC-96-841. Unpublished study prepared by Zeneca Ag Products. 96 p.
- 44316601 Iwata, Y. (1997) Glyphosate Trimesium: Magnitude of the Residue Study on Edible-Podded Legume Vegetables from Trials Conducted in the United States: Lab Project Number: GLYP-96-MR-05: RR 97-019B: 70-MD-96-771. Unpublished study prepared by Zeneca Ag Products. 56 p.
- 44316602 Iwata, Y. (1997) Glyphosate Trimesium: Magnitude of the Residue Study on Succulent Shelled Peas and Beans from Trials Conducted in the United States: Lab Project Number: GLYP-96-MR-06: RR 97-018B: 57-NY-96-801. Unpublished study prepared by Zeneca Ag Products. 59 p.
- 44316603 Iwata, Y. (1997) Glyphosate Trimesium: Magnitude of the Residue Study on Dried Shelled Peas and Beans from Trials Conducted in the United States: Lab Project Number: GLYP-96-MR-04: RR 97-015B: 15-ID-96-751. Unpublished study prepared by Zeneca Ag Products. 68 p.
- 44326501 Iwata, Y. (1997) Glyphosate Trimesium: Magnitude of the Residue Study on Tomatoes from Trials Conducted in the United States: (Final Report): Lab Project Number: GLYP-96-MR-09: RR 97-021B: ML96-0615-ZEN. Unpublished study prepared by Zeneca Ag Products and Morse Labs, Inc. 82 p.
- 44326502 Iwata, Y. (1997) Glyphosate Trimesium: Magnitude of the Residue Study on Peppers from Trials Conducted in the United States: (Final Report): Lab Project Number: GLYP-96-MR-07: RR 97-020B: ML96-0614-ZEN. Unpublished study prepared by Zeneca Ag Products and Morse Labs, Inc. 74 p.
- 44326503 Iwata, Y. (1997) Glyphosate Trimesium: Processing Study on Tomatoes from a Trials Conducted in Illinois: (Final Report): Lab Project Number: GLYP-96-PR-02: RR 97-022B: ML96-0616-ZEN. Unpublished study prepared by Zeneca Ag Products; The National Food Lab; and Morse Labs, Inc. 88 p.
- 44868902 Iwata, Y. (1999) Glyphosate-Trimesium: Residue Levels in Wheat from Trials Conducted in the USA: Lab Project Number: RR 99-029B: 90-TX-97-291: 48-MT-97-292. Unpublished study prepared by Zeneca Inc. 66 p. {OPPTS 860.1500}
- 44872102 Iwata, Y. (1998) Glyphosate-Trimesium: Residue Levels in Cotton from Trials Conducted in the USA: Lab Project Number: GLYP-97-MR-03: RR 98-003B: 69-LA-97-116. Unpublished study prepared by Zeneca Ag Products. 122 p. {OPPTS. 860.1500}
- 44872103 Iwata, Y. (1998) Glyphosate-Trimesium: Processing Study on Cotton from a Trial Conducted in Texas: Lab Project Number: GLYP-97-PR-01: RR 97-059B: 25-TX-97-126. Unpublished study prepared by Zeneca Ag Products and Texas A&M University. 70 p. {OPPTS. 860.1520}
- 44872104 Iwata, Y. (1998) Glyphosate-Trimesium: Residue Levels in Sorghum from Trials Conducted in the USA: Lab Project Number: GLYP-97-MR-08: RR 98-007B: 01-NC-97-175. Unpublished study prepared by Zeneca Ag Products. 133 p. {OPPTS. 860.1500}
- 44872105 Iwata, Y. (1999) Glyphosate-Trimesium: Residue Levels in Sweet Corn from Trials Conducted in the USA: Lab Project Number: GLYP-97-MR-12: RR 98-017B: 57-NY-97-255. Unpublished study prepared by Zeneca Ag Products. 81 p. {OPPTS. 860.1500}
- 44872106 Iwata, Y. (1998) Glyphosate-Trimesium: Residue Levels in Turnips from Trials Conducted in the USA: Lab Project Number: GLYP-97-MR-13: RR 98-005B: 88-GA-97-275. Unpublished study prepared by Zeneca Ag Products. 54 p. {OPPTS. 860.1500}
- 44872107 Iwata, Y. (1998) Glyphosate-Trimesium: Residue Levels in Sugar Beets from Trials Conducted in the USA: Lab Project Number: GLUP-97-MR-09: RR 98-021B: 89-MI-97-201. Unpublished study prepared by Zeneca Ag Products. 54 p. {OPPTS. 860.1500}

- 44872108 Iwata, Y. (1998) Glyphosate-Trimesium: Processing Study on Sugar Beets from a Trial Conducted in Minnesota: Lab Project Number: GLYP-97-PR-03: RR 98-022B: 36-MN-97-209. Unpublished study prepared by Zeneca Ag Products and Englar Food Laboratories, Inc. 45 p. {OPPTS. 860.1520}
- 44872109 Iwata, Y. (1998) Glyphosate-Trimesium: Residue Levels in Radishes from Trials Conducted in the USA: Lab Project Number: GLYP-97-MR-07: RR 97-057B: 57-NY-97-165. Unpublished study prepared by Zeneca Ag Products. 54 p. {OPPTS. 860.1500}
- 44872110 Iwata, Y. (1998) Glyphosate-Trimesium: Residue Levels in Potatoes from Trials Conducted in the USA: Lab Project Number: GLYP-97-MR-06: RR 98-036B: 57-ME-97-145. Unpublished study prepared by Zeneca Ag Products. 49 p. {OPPTS. 860.1500}
- 44872111 Iwata, Y. (1998) Glyphosate-Trimesium: Processing Study on Potatoes from a Trial Conducted in Washington: Lab Project Number: GLYP-97-PR-02: RR 98-037B: 15-WA-97-156. Unpublished study prepared by Zeneca Ag Products and Englar Food Laboratories, Inc. 64 p. {OPPTS. 860.1520}
- 44872112 Iwata, Y. (1998) Glyphosate-Trimesium: Residue Levels in Carrots from Trials Conducted in the USA: Lab Project Number: GLYP-97-MR-02: RR 98-039B: 42-FL-97-105. Unpublished study prepared by Zeneca Ag Products. 40 p. {OPPTS. 860.1500}
- 44872113 Wiebe, L.A. (1998) Glyphosate-Trimesium: Stability of Glyphosate-Trimesium in Frozen Potato (Interim Report): Lab Project Number: GLYP-96-SS-01: RR 98-047B INT. Unpublished study prepared by Zeneca Ag Products. 27 p. {OPPTS. 860.1380}
- 44888701 Iwata, Y. (1998) Glyphosate-Trimesium: Residue Levels in Grapes from Trials Conducted in the USA: Lab Project Number: GLYP-97-MR-04: RR 98-040B: WINO 25570. Unpublished study prepared by Zeneca Ag Products. 41 p. {OPPTS 860.1500}
- 44888702 Iwata, Y. (1998) Glyphosate-Trimesium: Residue Levels in Oranges from Trials Conducted in the USA: Lab Project Number: GLYP-97-MR-05: WINO 25568: RR 98-052B. Unpublished study prepared by Zeneca Ag Products. 38 p. {OPPTS 860.1500}
- 44888703 Iwata, Y. (1998) Glyphosate-Trimesium: Residue Levels in Almonds from Trials Conducted in the USA: Lab Project Number: GLYP-97-MR-01: WINO 25569: RR 98-054B. Unpublished study prepared by Zeneca Ag Products. 52 p. {OPPTS 860.1500}
- 45090903 Iwata, Y. (2000) Glyphosate-trimesium: Residue Levels in Cucumbers from Trials Conducted in the USA: Lab Project Number: RR 99-079B: GLYP-98-MR-10. Unpublished study prepared by Zeneca Ag Products, Inc. 36 p. {OPPTS 860.1500}
- 45090904 Iwata, Y. (2000) Glyphosate-trimesium: Residue Levels in Muskmelons from Trials Conducted in the USA: Lab Project Number: RR 99-080B: GLYP-98-MR-11. Unpublished study prepared by Zeneca Ag Products, Inc. 36 p. {OPPTS 860.1500}
- 45090905 Iwata, Y. (2000) Glyphosate-trimesium: Residue Levels in Summer Squash from Trials Conducted in the USA: Lab Project Number: GLYP-98-MR-12: R 99-081B. Unpublished study prepared by Zeneca Ag Products, Inc. 35 p. {OPPTS 860.1500}
- 45090906 Iwata, Y. (1999) Glyphosate-trimesium: Residue Levels in Grasses from Trials Conducted in the United States: Lab Project Number: RR 97-041B: GLYP-96-MR-03: ML96-0613-ZEN. Unpublished study prepared by Zeneca Ag Products, Inc. and Morse Labs., Inc. 104 p. {OPPTS 860.1500}
- 45090907 Iwata, Y. (1999) Glyphosate-trimesium: Residue Levels in Alfalfa from Trials Conducted in the USA: Lab Project Number: GLYP-96-MR-01: RR 97-039B. Unpublished study prepared by Zeneca Ag Products, Inc. 166 p. {OPPTS 860.1500}
- 45090908 Iwata, Y. (1999) Glyphosate-trimesium: Residue Levels in Clover from Trials Conducted in the USA: Lab Project Number: GLYP-96-MR-02: RR 97-040B. Unpublished study prepared by Zeneca Ag Products, Inc. 120 p. {OPPTS 860.1500}

45090909 Iwata, Y. (1999) Glyphosate-trimesium: Residue Levels in Green Onions from Trials Conducted in the USA: Lab Project Number: GLYP-98-MR-01: RR 99-052B. Unpublished study prepared by Zeneca Ag Products, Inc. 32 p. {OPPTS 860.1500}

45090910 Iwata, Y. (1999) Glyphosate-trimesium: Residue Levels in Sugarcane from Trials Conducted in the USA: Lab Project Number: GLYP-97-MR-10: RR 99-024B. Unpublished study prepared by Zeneca Ag Products, Inc. 44 p. {OPPTS 860.1500}

45090911 Iwata, Y. (1999) Glyphosate-trimesium: Residue Levels in Sugarcane from a Trial Conducted in Hawaii: Lab Project Number: GLYP-97-002B: RR 99-002B. Unpublished study prepared by Zeneca Ag Products, Inc. and Hawaii Agricultural Research Center. 80 p. {OPPTS 860.1500}

45090912 Iwata, Y. (1999) Glyphosate-trimesium: Residue Levels in Sunflowers from a Trial Conducted in the USA: Lab Project Number: GLYP-97-MR-11: RR 99-004B. Unpublished study prepared by Zeneca Ag Products, Inc. 46 p. {OPPTS 860.1500}

45090913 Iwata, Y. (1999) Glyphosate-trimesium: Processing Study on Sunflowers from a Trial Conducted in Illinois: Lab Project Number: GLYP-97-PR-05: RR 99-015B. Unpublished study prepared by Zeneca Ag Products, Inc. and Texas A & M University. 51 p. {OPPTS 860.1520}

171-4A2      Nature of the Residue in Plants

MRID	Citation Reference
132191	Spillner, C.; Ichien, J. (19??) Uptake of (14C-TMS) SC-0224 by Corn Seedlings: Project 148193. (Unpublished study received Jun 24, 1983 under 476-2225; submitted by Stauffer Chemical Co., Richmond, CA; CDL:250545-K)
41209909	Tambling, D.; Burnett, T. (1989) Metabolism of ?carbon 14 ICIA0224 in Corn: Study No. PMS-151A; Report No. WRC-89-142. Unpublished study prepared by ICI Americas, Inc. 50 p.
41209910	Tambling, D.; Burnett, T. (1989) Metabolism of ?carbon 14 ICIA0224 in Corn: Study No. PMS-151C; Report No. WRC-89-143. Unpublished study prepared by ICI Americas, Inc. 52 p.
41462102	Spillner, C. (1989) (Carbon 14-cation)ICIA0224--Nature of the Residue: Soybeans: Lab Project I.D.: PMS-221: Report No. WRC 89-138. Unpublished study prepared by ICI Americas, Inc. 63 p.
42068101	Tambling, D. (1991) Supplemental Information/Metabolism of [carbon 14-cation]ICIA0224 in Corn: Lab Project Number: PMS-151C: RR 89- 011B. Unpublished study prepared by ICI Americas Inc. 34 p.
42068102	Sherman, M. (1991) Supplemental Information/Metabolism of [carbon 14-anion]: Lab Project Number: PMS-151A: RR 89-010B. Unpub- lished study prepared by ICI Americas Inc. 30 p.
42394001	Parker, S.; Harris, M. (1991) Glyphosate-trimesium: Uptake and Metabolism in USA Grape Vines: Lab Project Number: 89JH105: RJ1002B. Unpublished study prepared by ICI Agrochemicals, Jealott's Hill Research Station. 105 p.
42394002	Iwata, Y. (1991) Residue Analysis of Grapes Treated with ?carbon 14 -Labelled Glyphosate-trimesium: Lab Project Number: 89JHG105: TMR0330B. Unpublished study prepared by ICI Americas Inc., Western Research Center. 105 p.
43397001	Rhodes, M. (1994) Glyphosate-Trimesium Response to Chemistry Branch I-Tolerance Support Review Dated September 30, 1992: Proposed Tolerances: Corn Grain, Forage, and Fodder (PP# 9F3796). Unpublished study prepared by Zeneca, Inc. 31 p.
43397002	Spillner, C. (1992) Addendum: ((carbon 14)-cation)ICIA0224: Nature of the Residue: Soybeans (Previous Report # WRC 89-138): Lab Project Number: PMS221: RR/92/069B. Unpublished study prepared by ICI Americas Inc. Western Research Center. 29 p.

43397003 Tambling, D. (1992) ((carbon 14)-Anion)ICIA0224: Nature of the Residue: Soybeans: Lab Project Number: PMS/304: RR/91/092B. Unpublished study prepared by ICI Americas Inc. Western Research Center. 81 p.

44313901 Ericson, J. (1997) ((Carbon 14)-phosphonomethylene)Glyphosate Trimesium: Nature of the Residue in Glyphosate-Tolerant Soybeans: (Interim Report): Lab Project Number: PMS 428: RR 97-028B INT: RR 97-028B. Unpublished study prepared by Zeneca Ag Products. 50 p.

44313902 Ericson, J. (1997) ((Carbon 14)-Trimethylsulfonium)Glyphosate Trimesium: Nature of the Residue in Glyphosate-Tolerant Soybeans: (Interim Report): Lab Project Number: PMS 431: RR 97-029B INT. Unpublished study prepared by Zeneca Ag Products. 45 p.

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MRID	Citation Reference
41209911	Tarr, J. (1989) The Nature of the Residues of Orally Administered (Trimethylsulfonium-(carbon 14)) ICIA0224 in Tissues and Eggs of Laying Hens: Study No. PMS-139; Report No. RR 89-006B. Unpublished study prepared by Analytical Development Corp. and Stauffer Chemical Co. 68 p.
41209912	Tarr, J. (1989) The Nature of the Residues of Orally Administered (Phosphonomethyl-(carbon 14))ICIA0224 in Tissues and Eggs of Laying Hens: Study No. PMS-141; Project ID: RR 89-007B. Unpublished study prepared by Analytical Development Corp., and ICI Americas Inc. 76 p.
41209913	Skiles, G.; Tarr, J. (1989) The Nature of the Residues of Orally Administered ?Trimethylsulfonium-?carbon 14  ICIA0224 in Tissues and Milk of Lactating Goats: Study No. PMS-135; Report No. RR 89-004B. Unpublished study prepared by Analytical Development Corp., and ICI Americas, Inc. 84 p.
41209914	Skiles, G.; Tarr, J. (1989)The Nature of the Residues of Orally Administered ?Phosphonomethyl-?carbon 14  ICIA0224 in Tissues and Milk of Lactating Goats: Study No. PMS-136; Report No. RR 89-005B. Unpublished study prepared by Analytical Development Corp., and ICI Americas Inc. 97 p.
43273601	Ericson, J. (1994) The Nature of Residues of Orally Administered (Phosphonomethylene-(carbon 14)) Glyphosate-Trimesium in Goat Tissues and Milk: Lab Project Number: PMS 378: RR 93-062B: WRC-93-088. Unpublished study prepared by ZENECA, Inc. and BATTELLE. 127 p.
43273602	Bowler, D. (1994) ((Carbon 14)-PMG) Glyphosate-Trimesium: Nature of the Residue in Tissues and Eggs of Laying Hens: Lab Project Number: PMS 379: RR 93-064B: WIN 8327. Unpublished study prepared by ZENECA, Inc. and BATTELLE. 184 p.
43273603	Corden, M.; Skidmore, M. (1994) GLYPHOSATE TRIMESIUM: Metabolism in Laying Hens Following Dosing at 20 mg/kg in the Diet: Lab Project Number: 92JH142: RJ1606B: 297/921098. Unpublished study prepared by ZENECA Agrochemicals, Jealott's Hill Research Station. 128 p.
43289102	Hand, L.; Skidmore, M. (1994) Glyphosate-Trimesium: Metabolism in Lactating Goats Following Dosing at 25 mg/kg in the Diet: Lab Project Number: 92JH144: RJ1608B: ISN 312/931382. Unpublished study prepared by Zeneca Ltd. 167 p.
43397001	Rhodes, M. (1994) Glyphosate-Trimesium Response to Chemistry Branch I-Tolerance Support Review Dated September 30, 1992: Proposed Tolerances: Corn Grain, Forage, and Fodder (PP# 9F3796). Unpublished study prepared by Zeneca, Inc. 31 p.

Non-Guideline Study

MRID	Citation Reference
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- 126610 Brusick, D.; DeGraff, W. (1982) Mutagenicity Evaluation of SC-0224 in the Sex-linked Recessive Lethal Test in *Drosophila melanogaster*: LBI Project No. 22169; T-10886. Final rept. (Unpublished study received Mar 21, 1983 under 476-EX-101; prepared by Litton Bionetics, Inc., submitted by Stauffer Chemical Co., Richmond, CA; CDL:249802-C)
- 126625 Atkins, E. (1982) Bee Toxicity Dusting Test Summary: Summary Sheet No. 724; T-11186. (Unpublished study received Mar 21, 1983 under 476-EX-101; prepared by Univ. of California--Riverside, Dept. of Entomology, submitted by Stauffer Chemical Co., Richmond, CA; CDL:249802-R)
- 129023 Large, G., inventor; Stauffer Chemical Co., Assignee (1982) Tri-alkylsulfonium salts of n-phosphonomethylglycine and their use as plant growth regulators and herbicides. U.S. patent 4,315, 765. Jun 24. 10 p. Cl. 260-502.5; Int. Cl. 260/502.5. (Also In unpublished study received Jun 24, 1983 under 476-2225; submitted by Stauffer Chemical Co., Richmond, CA; CDL:250543-A)
- 132175 Brusick, D.; DeGraff, W. (1982) Mutagenicity Evaluation of SC-0224 in the Sex-linked Recessive Lethal Test in *Drosophila Melanogaster*: LBI Project No. 22169; T-10886. Final rept. (Unpublished study received Jun 24, 1983 under 476-2225; prepared by Litton Bionetics, Inc., submitted by Stauffer Chemical Co., Richmond, CA; CDL:250544-E)
- 154275 Patchett, G.; Katague, D.; Buitrago, B. (1984) Stauffer Chemical Co. Residue Report: SC-0224 4-LC: FSDS No. A-22338. Unpublished study prepared by Stauffer Chemical Co. 13 p.
- 154276 Katague, D.; Patchett, G.; Buitrago, B. (1984) Stauffer Chemical Co. Residue Report: [SC-0224 4-LC]: Project No.: H-075-IRS-83. Unpublished compilation prepared by Stauffer Chemical Co. 14 p.
- 154277 Patchett, G.; Buitrago, B.; Katague, D. (1984) Stauffer Chemical Co. Residue Report: [SC-0224 4-LC]: FSDS No. A-19643,45,47,50, 57,61,69 and 98. Unpublished study prepared by Stauffer Chemical Co. 13 p.
- 40046200 Stauffer Chemical Co. (1987) Studies Submitted in Support of Application for Registration of SC-0224 Concentrate and SC-0224 4-LC. Compilation of 8 studies.
- 40179000 Stauffer Chemical Co. (1987) Submission of Field Dissipation Studies to Support the Registration of SC-0224 4-LC [Touchdown 4-LC]. Transmittal of 2 studies.
- 40214000 Stauffer Chemical Co. (1987) Submission of Application for Registration for SC-0224 Concentrate and SC-0224 4-LC: Toxicology Data. Transmittal of 9 studies.
- 40277800 Stauffer Chemical Co. (1987) Submission of Environmental Chemistry Data To Support the Registration of SC-0224. Transmittal of 3 studies.
- 40326200 Stauffer Chemical Co. (1987) Submission of Environmental Fate Data in Support of SC-0224 4-LC, SC-0224 Concentrate. Transmittal of 1 study.
- 40893700 ICI Americas, Inc. (1988) Submission of Toxicological Data to Support the Continued Registration of SC-0224 Concentrate. Transmittal of 5 studies.
- 40893701 Kaminski, B. (1988) Toxicology Data Overview and Summary for SC-0224 Concentrate Application for Registration for Noncrop Uses. Unpublished study prepared by ICI Americas, Inc. 7 p.
- 40893703 Kaminski, B. (1988) Wildlife and Aquatic Organisms Data Overview and Summary for SC-0224 Concentrate Application for Registration for Noncrop Use. Unpublished study prepared by ICI Americas, Inc. 6 p.
- 40893800 ICI Americas, Inc. (1988) Submission of Toxicological Data to Support the Continued Registration of SC-0224 4 LC. Transmittal of 6 studies.
- 41111400 ICI Americas Inc. (1989) Submission of Environmental Fate Data to Satisfy the Requirements for Registration of Sulfosate for Non-crop Uses [Touchdown Conc.]. Transmittal of 4 studies.
- 41209900 ICI Americas Inc. (1989) Submission of Data To Support Registration of Touchdown 4LC Herbicide and

Concentrate: Residue Chemistry Studies. Transmittal of 22 studies.

41235900 ICI Americas, Inc. (1989) Submission of Toxicity and Environmental Fate Data in Support of Amendment and Petition for Touchdown Herbicide. Transmittal of 7 studies.

41235902 Sprague, G.; Turnier, J. (1989) One-year Dog Chronic Toxicity Study with SC-0224 in Dogs: Report No. T-11075. Unpublished study prepared by ICI Americas. 48 p.

41235904 Katague, D.; Patchett, G. (1989) Determination of SC-0224 Cation Residues in Crops, Water and Soil by Gas Chromatography: Project ID RRC 85-33 R. Unpublished study prepared by ICI Americas, Inc. 12 p.

41235905 Patchett, G.; Katague, D.; Buitrago, B. (1989) Determination of SC- 0224 Anion Residues in Crops, Water and Soil by Gas Chromato- graphy: Project ID WRC 85-34R. Unpublished study prepared by ICI Americas Inc. 12 p.

41294000 ICI Americas, Inc. (1989) Submission in support of registration of Touchdown 4LC Herbicide and Touchdown Concentrate Herbicide: Toxicology data. Transmittal of 1 study.

41426000 ICI Agricultural Products Group (1990) Submission of Toxicity Data in Support of Touchdown 4-LC Herbicide Conditional Registration. Transmittal of 1 study.

41462100 ICI Americas, Inc. (1990) Submission of Residue Data to Support the Amended Registration and Tolerance for Touchdown Product Usage on Soybeans. Transmittal of 6 studies.

41462101 Sherman, M. (1990) Residue Chemistry Data Summary and Overview for Petition for Tolerance for Glyphosate: Trimethylsulfonium Salt on Soybeans. Unpublished study prepared by ICI Americas, Inc. 18 p.

41633000 ICI Americas Inc. (1990) Submission of Toxicity Data to Support the Touchdown 4LC Herbicide Registration. Transmittal of 1 Study.

41734400 ICI Americas Inc. (1990) Submission of Residue Data to Support the Application for Registration of Touchdown Concentrate Herbicide. Transmittal of 3 Studies.

41734401 Sherman, M. (1990) Residue Chemistry Data Summary and Overview for Petition for Tolerance for Glyphosate Trimethylsulfonium Salt on Grapes. Unpublished study prepared by ICI Americas, Inc. 12 p.

42068100 ICI Americas Inc. (1991) Submission of Data To Support Registration of Touchdown Concentrate Herbicide and 4LC: Metabolism and Residue Chemistry Studies. Transmittal of 3 studies.

42394000 ICI Americas Inc. (1992) Submission of Data To Support Registration of Touchdown Concentrate Herbicide: Plant Metabolism and Residue Chemistry Studies. Transmittal of 2 studies.

42441900 ICI Americas Inc. (1990) Submittal of supplementry magnitude of residue data in support of Touchdown Concentrate Herbicide registration. Transmittal of 1 study.

42451200 ICI Americas, Inc. (1992) Submission of residue data to support the registration of Touchdown herbicide for citrus. Transmittal of 1 study.

42848700 Zeneca Ag Products (1993) Submission of residue data in support of tolerance petition for Touchdown Herbicide. Transmittal of 4 studies.

42848701 Rhodes, M. (1993) Glyphosate-trimesium Residue Chemistry Regulatory Summary and Support for Proposed Tolerances: Stone Fruit Group. Unpublished study prepared by Zeneca, Inc. 21 p.

42937700 Zeneca Inc. (1993) Submission of Residue Data in Response to the Environmental Fate Review of Terrestrial Field Dissipation Data Supporting Pesticide Petition Nos. 1H5606 (Grapes), 1F3950 (Grapes), OF3860 (Soybeans), and Of3890 (Citrus) for Touchdown 4LC and Concentrate. Transmittal of 2 studies.

42977600 Zeneca Ag Products (1993) Submission of Toxicology Data in Support of Registration and Requested Tolerance for Touchdown Herbicide; Concentrate; 4LC Herbicide. Transmittal of 2 studies.

43003300 Zeneca Inc. (1993) Submission of Acute Toxicity Data in Support of Tolerance Petitions for TOUCHDOWN Herbicides. Transmittal of 1 Study.

43019700 Zeneca Ag Products (1993) Submission of supplemental residue data in response to EPA review of pesticide petition and registration for Touchdown Herbicide. Transmittal of 1 study.

43132300 Zeneca Ag Products (1994) Submittal of Neurotoxicity Data in Support of Registration of Touchdown Herbicides (glyphosate-trimesium) and Tolerance Petition. Transmittal of 1 study.

43151200 Zeneca Inc. (1994) Submittal of Toxicity Data in Support of Registration of Touchdown Products. Transmittal of 2 studies.

43165800 Zeneca Ag Products (1994) Submittal of Residue Chemistry Data in Support of Petition for Tolerance for the Nut Crop Group (except Almonds) for Touchdown Herbicide. Transmittal of 2 studies.

43273600 ZENECA Inc. (1994) Submission of Metabolism and Residue Chemistry Data for Touchdown Herbicide in Support of Registration. Transmittal of 11 studies.

43289100 Zeneca Ag Products (1994) Submission of Residue and Metabolism Data in Support of Tolerance Petition in Corn for Glyphosate- Trimesium. Transmittal of 2 Studies.

43289101 Rhodes, M. (1994) Glyphosate-Trimesium Response to Chemistry Branch I-Tolerance Support Review Dated September 30, 1992 Proposed Tolerances: Corn Grain, Forage, and Fodder. Unpublished study prepared by Zeneca, Inc. 32 p.

43397000 Zeneca Ag Products (1994) Submission of residue data in support of registration of TOUCHDOWN Herbicide and tolerance petition. Transmittal of 4 studies.

43419800 Zeneca, Inc. (1992) Submittal of Residue Data in Support of Tolerance Petition for Touchdown Herbicide Containing Glyphosate-trimesium as Trimethylsulfonium Salt. Transmittal of 1 Study.

43450900 Zeneca Ag Products (1994) Submission of Environmental Fate Data in Support of Registration Amendment for Touchdown Herbicide. Transmittal of 2 Studies.

43489900 Zeneca, Inc. (1994) Submission of Residue Data in Support of Petition for Touchdown Herbicide. Transmittal of 1 Study.

43489901 Rhodes, M.; Wiebe, L. (1994) Glyphosate-Trimesium Response to Chemistry Branch I-Tolerance Support Review Dated September 22, 1994: Proposed Tolerances: Tree Nuts Group (Except Almonds). Unpublished study prepared by Zeneca, Inc. 10 p.

43549900 Zeneca Ag Products (1995) Submission of Residue Chemistry Data in Support of a Tolerance Petition for Glyphosate-Trimesium. Transmittal of 5 Studies.

43589500 Zeneca Ag Products (1995) Submission of Residue Chemistry Data in Support of a Tolerance Petition for TOUCHDOWN Herbicide. Transmittal of 1 Study.

43589501 Rhodes, M. (1994) Glyphosate-Trimesium Response to Chemistry Branch I-Tolerance Support Review Dated May 14, 1991 Proposed Tolerances: Soybean Seed, Forage, Hay, Aspirated Grain Fractions, and Hulls. Unpublished study prepared by Zeneca, Inc. 18 p.

43631300 Zeneca, Inc. (1995) Submission of Residue Data in Support of the Registration of Touchdown Herbicide and Tolerance Petitions for Glyphosate in Crops. Transmittal of 1 Study.

43712800 Zeneca Ag Products (1995) Submission of Residue Chemistry Data in Support of the Petition for Tolerance for Use of Glyphosate-Trimesium on Pome Fruits and Wheat. Transmittal of 5 Studies.

43712801 Rhodes, M. (1995) Glyphosate-Trimesium Residue Chemistry Regulatory Summary And Support for Proposed Tolerances: Pome Fruits Group, Wheat Grain, Wheat Forage, Wheat Straw, Wheat Bran and Wheat Shorts. Unpublished study prepared by Zeneca Inc. 21 p.

43739300 Zeneca Ag Products (1995) Submission of Pesticide Fate and Residues in the Environment and Residue Chemistry Data in Support of the Petition for Tolerance for Glyphosate-Trimesium on Citrus Fruit. Transmittal of 1 Study.

- 43739301 Rhodes, M. (1995) Glyphosate-Trimesium: Response to Chemistry Branch I-Tolerance Support Review Dated March 7, 1995 Proposed Tolerances: Citrus Fruits Group. Unpublished study prepared by Zeneca Inc. 7 p.
- 43743700 Zeneca Inc. (1995) Submission of Residue Chemistry, Pesticide Fate and Residues in Animals in Support of the Petition for Tolerance for Glyphosate Trimethylsulfonium Salt on Grapes, Grape Dried Pomace and Raisins. Transmittal of 1 Study.
- 43743701 Rhodes, M. (1995) Glyphosate-Trimesium: Response to Chemistry Branch I-Tolerance Support Review Dated May 25, 1995: Proposed Tolerances: Grapes, Grape Dried Pomace, and Raisins. Unpublished study prepared by Zeneca Inc. 8 p.
- 43743800 Zeneca Ag Products (1995) Submission of Residue Chemistry Data in Support of the Petition for Tolerance for Glyphosate Trimesium Salt on Soybean Seed, Forage, Hay, Aspirated Grain Fractions and Hulls. Transmittal of 1 Study.
- 43743801 Rhodes, M. (1995) Glyphosate-Trimesium: Response to Chemistry Branch I-Tolerance Support Review Dated April 4, 1995: Proposed Tolerances: Soybean Seed, Forage, Hay, Aspirated Grain Fractions, and Hulls. Unpublished study prepared by Zeneca Inc. 23 p.
- 43743900 Zeneca Ag Product (1995) Submission of Residue Chemistry Data in Support of the Petition for Tolerance for Glyphosate Trimesium on Bananas. Transmittal of 1 Study.
- 43743901 Rhodes, M.; White, J.; Jones, N. (1995) Glyphosate-Trimesium: Response to Chemistry Branch I-Tolerance Support Review Dated May 16, 1995: Proposed Tolerance: Bananas. Unpublished study prepared by Zeneca Inc. 11 p.
- 43744000 Zeneca Ag Product (1995) Submission of Pesticide Fate and Residues Data in Support of the Petition for Tolerance for Glyphosate Trimesium on Corn Grain, Fodder and Forage. Transmittal of 1 Study.
- 43744001 Rhodes, M. (1995) Glyphosate-Trimesium: Response to Chemistry Branch I-Tolerance Support Review Dated April 4, 1995: Proposed Tolerance: Corn Grain, Forage and Fodder. Unpublished study prepared by Zeneca Inc. 7 p.
- 43864800 Zeneca Ag Products (1995) Submission of Residue Chemistry Data in Support of the Petition for Tolerance for Trimethylsulfonium Cation on Bananas and Grapes. Transmittal of 1 Study.
- 44174900 Zeneca Ag Products (1996) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of TOUCHDOWN BTU Herbicide. Transmittal of 7 Studies.
- 44246700 Zeneca Ag Products (1997) Submission of Residue, Toxicity Data in Support of the Registration Touchdown Herbicide, the Application for Registration of Touchdown BTU, and Petition for Tolerance for Glyphosate-trimesium in/on Wheat and the Pome Fruit Group. Transmittal of 4 Studies.
- 44246703 Clapp, M.; Sargent, D. (1997) Glyphosate Trimesium: Reassessment of the Reference Dose (RFD), and Assessment of Safety to Children and Infants: Lab Project Number: CTL/P/5457. Unpublished study prepared by Central Toxicology Laboratory. 18 p.
- 44313900 Zeneca Ag Products (1997) Submission of Residue Data in Support of the Petition for Glyphosate-Trimesium in/on Soybeans and Ruminant Feed. Transmittal of 3 Studies.
- 44316600 Zeneca Ag Products (1997) Submission of Residue Data in Support of Petition for Tolerance for Glyphosate-Trimesium in/on Edible- Podded Legume Vegetables, Succulent and Dried Shelled Pea and Bean Subgroups. Transmittal of 3 Studies.
- 44326500 Zeneca Ag Products (1997) Submission of Residue and Environmental Fate Data in Support of Petition for Tolerances for Glyphosate- trimesium in/on Fruiting Vegetables (Except Cucurbits) Group. Transmittal of 7 Studies.
- 44353900 Zeneca Ag Products. (1997) Submission of Environmental Fate Data in Support of Tolerance Petition for Glyphosate-Trimesium in/on Fruiting Vegetables (Except Cucurbits). Transmittal of 1 Study.

- 44513200 Monsanto Co. (1998) Submission of Product Chemistry, Toxicity, Residue and Exposure Data in Support of the FIFRA 6(a)2 Requirement for Glyphosate Herbicide. Transmittal of 1 Study.
- 44513201 German Federal Biological Research; Centre for Agriculture and Forestry (1997) Glyphosate: Glyphosate--Trimesium: Report and Proposed Decision. 1997 p.
- 44556600 Zeneca Ag Products (1998) Submission of Hazard Evaluation and Environmental Effects Data in Support of the Petition for Tolerance and Registration of Touchdown and Touchdown 5 Herbicides. Transmittal of 1 Study.
- 44578300 Zeneca Ag Products (1998) Submission of Toxicity Data in Support of the Registration of Touchdown Herbicide and Touchdown 5 Herbicide and Petition for Tolerance of Sulfosate in/on Wheat and Pome Fruit. Transmittal of 6 studies.
- 44673600 Zeneca Ag Products (1998) Submission of Toxicity, Residue, Risk Assessment, and Environmental Fate Data in Support of the Petition for Tolerances of Sulfosate in/on Soybeans, Succulent Podded, Shelled, and Dried Beans and Peas, and Fruiting Vegetables Group. Transmittal of 4 Studies.
- 44673601 Clapp, M.; Fletcher, A.; Rhodes, M. et al. (1998) Zeneca's Response to the Toxicology Section of the HED Risk Assessment for Sulfosate Dated July, 10 1998 (Barcode D242550): Lab Project Number: MER980828. Unpublished study prepared by Zeneca Ag Products. 22 p.
- 44673603 Sargent, D.; Rhodes, M. (1998) Sulfosate: An Aggregate Risk Assessment in Support of Pending Tolerance Petitions for the Fruiting Vegetables Group; the Succulent Podded, Succulent Shelled, and Dried Beans and Peas Subgroups; and Soybean Seed: Lab Project Number: SULF 1. Unpublished study prepared by Zeneca Ag Products. 91 p.
- 44777900 Zeneca Ag Products (1999) Submission of Environmental Fate Data in Support of the Petitions for Tolerance of Sulfosate in/on Soybean, Dried Peas, Edible Podded Legumes and Vegetables and Fruiting Vegetables. Transmittal of 1 Study.
- 44868900 Zeneca Ag Products (1999) Submission of Residue Chemistry Data in Support of the Petition for Tolerance of Glyphosate-Trimesium in/on Wheat and Pome Fruit. Transmittal of 2 Studies.
- 44868901 Rhodes, M. (1999) Sulfosate Residue Chemistry Regulatory Summary and Support for Amended Tolerances: Wheat Grain, Wheat Bran, Wheat Shorts, Wheat Hay, and Wheat Straw: Lab Project Number: MER72991. Unpublished study prepared by Zeneca Inc. 43 p.
- 44872100 Zeneca Ag Products (1999) Submission of Residue Chemistry, Risk Assessment and Exposure Data in Support of the Petition for Tolerances of Sulfosate in/on Cotton, Radish, Pistachio, Sorghum, Sweet Corn, Leaves of Root and Tuber Vegetables Group, and Tuberous and Corm Vegetables Subgroup. Transmittal of 14 Studies.
- 44872101 Rhodes, M.E. (1999) Sulfosate Residue Chemistry Regulatory Summary and Support for Proposed Tolerance: Cotton, Pistachio; Radish; Sorghum; and Sweet Corn; Leaves of Root and Tuber Vegetables Group, except Radish; and Tuberous and Corm Vegetables Subgroup. Unpublished study prepared by Zeneca Ag Products. 25 p.
- 44872114 Sargent, D.E.; Rhodes, M.E. (1999) Sulfosate: An Aggregate Risk Assessment in Support of Proposed Tolerances: Cotton; Pistachio; Radish; Sorghum; and Sweet Corn; Leaves of Root and Tuber Vegetables Group, except Radish; Root Vegetables Subgroup, except Radish; and Tuberous and Corm Vegetables Subgroup: Lab Project Number: MER625991. Unpublished study prepared by Zeneca Ag Products. 85 p.
- 44888700 Zeneca Ag Products (1999) Submission of Residue Chemistry Data in Support of the Registration for Touchdown 5 Herbicide. Transmittal of 3 Studies.
- 45082100 U.S. Department of Agriculture (2000) Submission of Risk and Exposure Assessment Data in Support of the FIFRA 6(a)(2) Requirement for Glyphosate. Transmittal of 2 Studies.
- 45082102 Aquavella, J. et al. (1999) Letter to Cancer Journal and Author Reply. Cancer 86(4): 729-731.

45090900 Zeneca Ag Products (2000) Submission of Residue Data in Support of the Petition for Tolerance of Sulfosate in/on Cucurbit Vegetables Group. Transmittal of 13 Studies.

45090901 Rhodes, M. (2000) Sulfosate Residue Chemistry Regulatory Summary and Support for Proposed Tolerances: Cucurbit Vegetables Group, Except Squash; Grass Forage, Fodder, and Hay Group; Nongrass Animal Feeds (Forage, Fodder, Straw, and Hay) Group; Green Onions; Sugarcane; Sunflower; and Summer Squash: Lab Project Number: MER3292000B. Unpublished study prepared by Zeneca Inc. 26 p.

45090902 Rhodes, M. (2000) Sulfosate: An Aggregate Risk Assessment in Support of Proposed Tolerances: Cucurbit Vegetables Group, Except Squash; Grass Forage, Fodder, and Hay Group; Nongrass Animal Feeds (Forage, Fodder, Straw, and Hay) Group; Green Onions; Sugarcane; Sunflower; and Summer Squash: Lab Project Number: MER3292000. Unpublished study prepared by Zeneca Ag Products. 99 p.

45311400 BASF Corporation (2001) Submission of Product Chemistry Data in Support of the Reregistration of SQUADRON Herbicide. Transmittal of 1 Study.

45315800 Syngenta Crop Protection, Inc. (2001) Submission of Residue and Environmental Fate Data in Support of the Petition for Tolerance of Sulfosate in/on Cotton, Radish, Pistachio, Sorghum, Sweet Corn, Leaves of Root and Tuber Vegetable Group, Except Radish, Root Vegetables Subgroup, except Radish, and Tuberous and Corm Vegetables Subgroup. Transmittal of 1 Study.

45315801 Rhodes, M.; Yeh, S. (2001) Sulfosate: Response to Hazards Effects Division Review of Magnitude of the Residue Data Supporting PP No. 976032 (Leaves of Root and Tuber Vegetables Group, Except Radish; Root Vegetables Subgroup, except Radish; and Radish). Unpublished study prepared by Syngenta Crop Protection Inc. 11 p.

45539800 Syngenta Crop Protection, Inc. (2001) Submission of Toxicity Data in Support of the Registration of Touchdown 5 Herbicide, Touchdown 6 Herbicide, Touchdown 4-LC, Touchdown Technical, and Touchdown Concentrate Herbicide. Transmittal of 3 Studies.